

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072540.D
 Acq On : 18 May 2022 14:18
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 18 15:24:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	175719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	267423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	276606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	118977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	53818	19.917	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	39.840%#
35) Dibromofluoromethane	8.016	113	35062	19.615	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	39.220%#
50) Toluene-d8	10.433	98	135064	19.888	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	39.780%#
62) 4-Bromofluorobenzene	12.727	95	51681	22.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	44.640%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	38677	18.186	ug/l	91
3) Chloromethane	2.293	50	35047	15.577	ug/l	95
4) Vinyl Chloride	2.446	62	30600	17.295	ug/l	93
5) Bromomethane	2.805	94	28082	24.947	ug/l	100
6) Chloroethane	2.934	64	22769	18.933	ug/l	96
7) Trichlorofluoromethane	3.316	101	69332	20.658	ug/l	93
8) Diethyl Ether	3.828	74	20746	17.505	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.193	101	33210	18.371	ug/l	94
10) Methyl Iodide	4.404	142	43590	18.317	ug/l	# 81
11) Tert butyl alcohol	5.404	59	27392	67.315	ug/l	97
12) 1,1-Dichloroethene	4.163	96	29976	17.734	ug/l	97
13) Acrolein	4.040	56	33244	81.813	ug/l	99
14) Allyl chloride	4.816	41	48968	15.544	ug/l	89
15) Acrylonitrile	5.545	53	98655	85.548	ug/l	97
16) Acetone	4.287	43	85270	84.187	ug/l	91
17) Carbon Disulfide	4.510	76	73147	16.659	ug/l	99
18) Methyl Acetate	4.846	43	46100	15.402	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	121671	19.495	ug/l	97
20) Methylene Chloride	5.081	84	35673	16.726	ug/l	93
21) trans-1,2-Dichloroethene	5.587	96	32509	18.010	ug/l	97
22) Diisopropyl ether	6.498	45	109541	16.943	ug/l	97
23) Vinyl Acetate	6.422	43	480983	88.902	ug/l	97
24) 1,1-Dichloroethane	6.375	63	63888	17.433	ug/l	99
25) 2-Butanone	7.334	43	130591	81.151	ug/l	94
26) 2,2-Dichloropropane	7.316	77	63201	20.293	ug/l	93
27) cis-1,2-Dichloroethene	7.316	96	40982	19.015	ug/l	95
28) Bromochloromethane	7.645	49	25450	16.309	ug/l	97
29) Tetrahydrofuran	7.681	42	82118	78.638	ug/l	95
30) Chloroform	7.810	83	74387	19.717	ug/l	100
31) Cyclohexane	8.087	56	59014	17.141	ug/l	94
32) 1,1,1-Trichloroethane	8.004	97	72532	20.842	ug/l	98
36) 1,1-Dichloropropene	8.210	75	49802	19.888	ug/l	99
37) Ethyl Acetate	7.404	43	54157	18.429	ug/l	98
38) Carbon Tetrachloride	8.198	117	63159	22.335	ug/l	98
39) Methylcyclohexane	9.451	83	56812	20.318	ug/l	93
40) Benzene	8.451	78	145288	19.443	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	26296	17.709	ug/l	94
42) 1,2-Dichloroethane	8.522	62	68800	22.580	ug/l	94
43) Isopropyl Acetate	8.557	43	88307	19.193	ug/l	96
44) Trichloroethene	9.204	130	41368	21.744	ug/l	98
45) 1,2-Dichloropropane	9.486	63	36979	19.701	ug/l	100
46) Dibromomethane	9.569	93	26537	19.945	ug/l	99
47) Bromodichloromethane	9.757	83	58444	21.372	ug/l #	98
48) Methyl methacrylate	9.557	41	41703	19.614	ug/l #	90
49) 1,4-Dioxane	9.569	88	8147	240.416	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	315121	109.293	ug/l	94
52) Toluene	10.498	92	98747	21.178	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	61125	21.790	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	61415	20.758	ug/l #	90
55) 1,1,2-Trichloroethane	10.898	97	40963	20.852	ug/l	98
56) Ethyl methacrylate	10.757	69	67530	23.971	ug/l	89
57) 1,3-Dichloropropane	11.039	76	69536	20.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	67805	115.980	ug/l	99
59) 2-Hexanone	11.080	43	216095	107.360	ug/l	91
60) Dibromochloromethane	11.233	129	46976	22.411	ug/l	100
61) 1,2-Dibromoethane	11.339	107	45003	22.951	ug/l	98
64) Tetrachloroethene	10.969	164	39373	20.049	ug/l	93
65) Chlorobenzene	11.769	112	116705	20.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	45151	20.064	ug/l	95
67) Ethyl Benzene	11.839	91	209865	21.715	ug/l	99
68) m/p-Xylenes	11.951	106	163805	44.539	ug/l	93
69) o-Xylene	12.274	106	82708	22.851	ug/l	96
70) Styrene	12.292	104	129804	23.303	ug/l	95
71) Bromoform	12.451	173	36313	21.972	ug/l #	100
73) Isopropylbenzene	12.574	105	216502	22.089	ug/l	97
74) N-amyl acetate	12.386	43	62443	18.327	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	59210	17.067	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	79382	25.896	ug/l	55
77) Bromobenzene	12.857	156	50998	21.744	ug/l	99
78) n-propylbenzene	12.916	91	231517	22.018	ug/l	97
79) 2-Chlorotoluene	13.004	91	147778	21.226	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	185128	22.834	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.622	75	17247	18.979	ug/l	87
82) 4-Chlorotoluene	13.098	91	137613	20.964	ug/l	98
83) tert-Butylbenzene	13.321	119	160653	22.991	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	183483	23.561	ug/l	94
85) sec-Butylbenzene	13.498	105	207500	22.344	ug/l	100
86) p-Isopropyltoluene	13.610	119	172960	23.773	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	85374	21.201	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	80219	19.944	ug/l	95
89) n-Butylbenzene	13.939	91	127711	22.825	ug/l	96
90) Hexachloroethane	14.204	117	29243	20.132	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	85589	21.174	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12892	20.664	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	33165	20.998	ug/l	98
94) Hexachlorobutadiene	15.368	225	19953	19.206	ug/l	97
95) Naphthalene	15.498	128	95353	20.973	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	34071	21.519	ug/l	98

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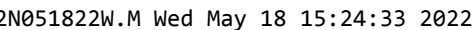
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

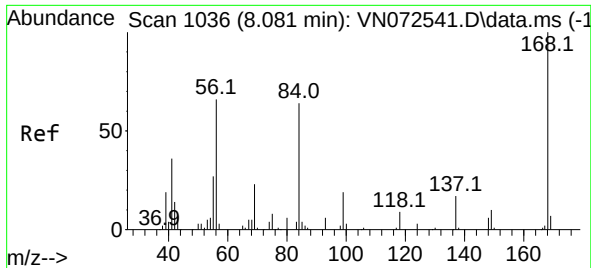
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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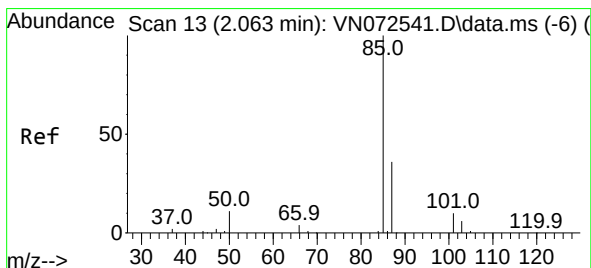
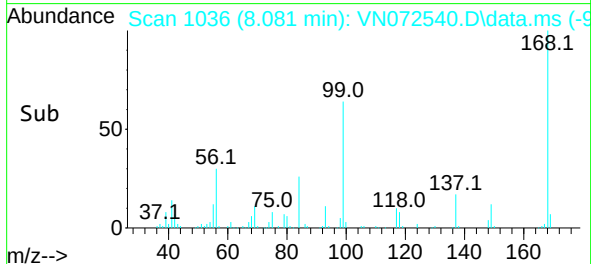
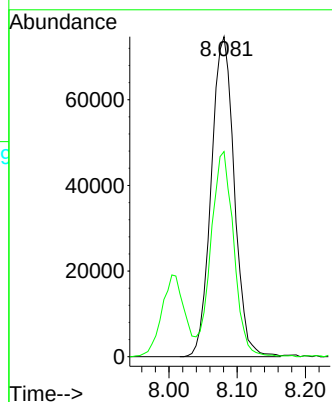
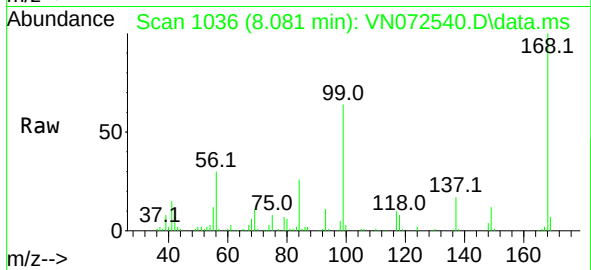




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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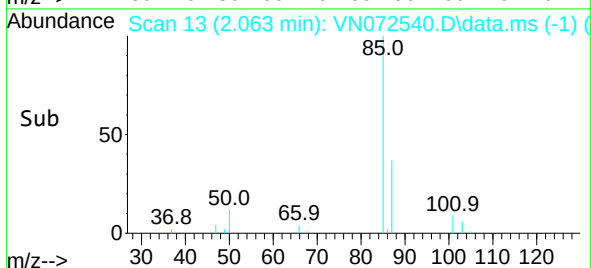
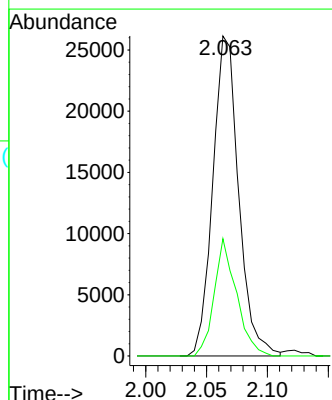
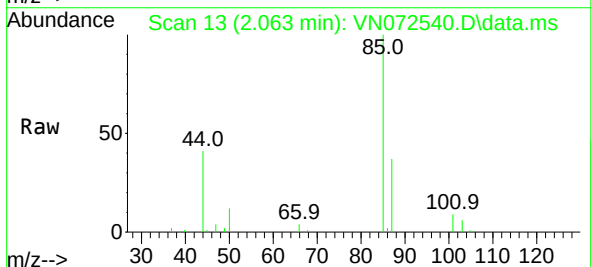
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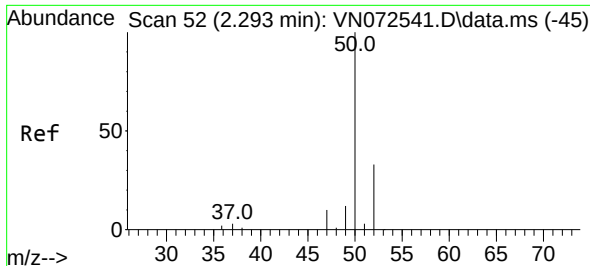
Tgt Ion:168 Resp: 175719
Ion Ratio Lower Upper
168 100
99 63.8 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 18.186 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 85 Resp: 38677
Ion Ratio Lower Upper
85 100
87 36.6 15.7 47.1

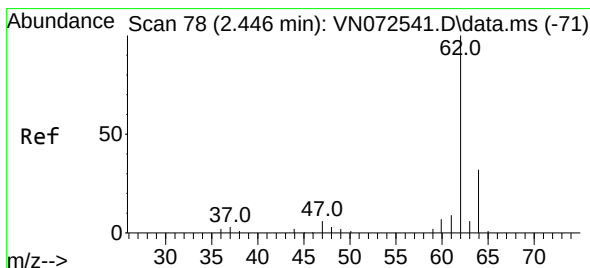
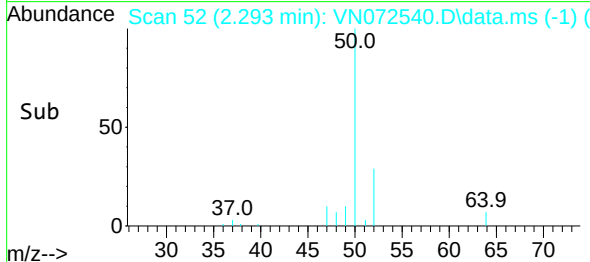
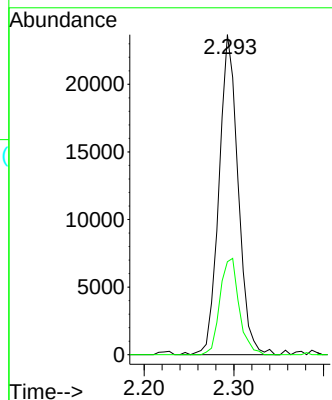
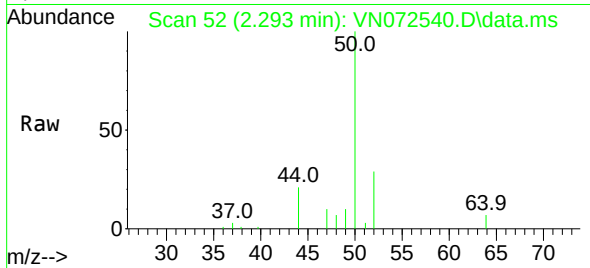




#3
Chloromethane
Concen: 15.577 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

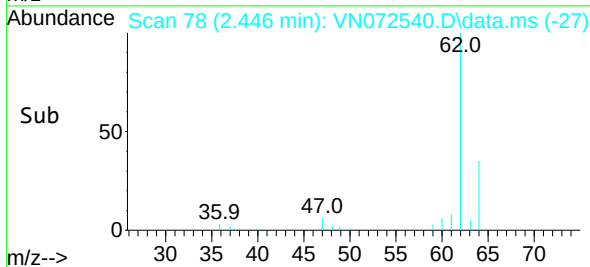
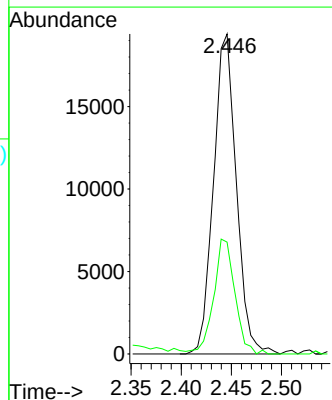
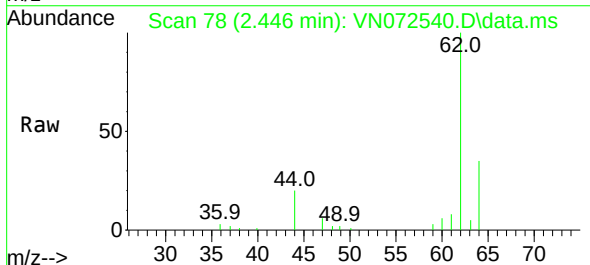
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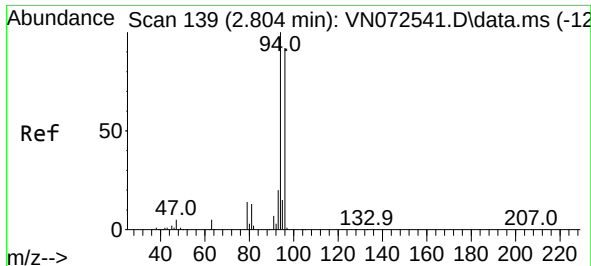
Tgt Ion: 50 Resp: 35047
Ion Ratio Lower Upper
50 100
52 29.1 25.7 38.5



#4
Vinyl Chloride
Concen: 17.295 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 62 Resp: 30600
Ion Ratio Lower Upper
62 100
64 34.9 25.0 37.4

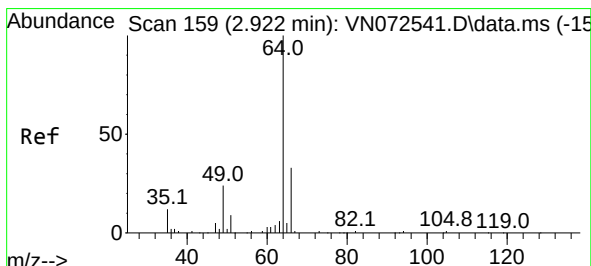
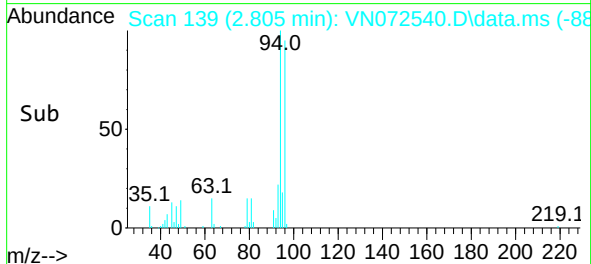
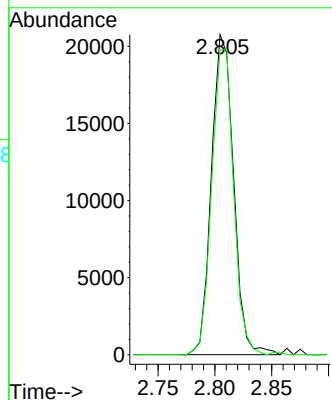
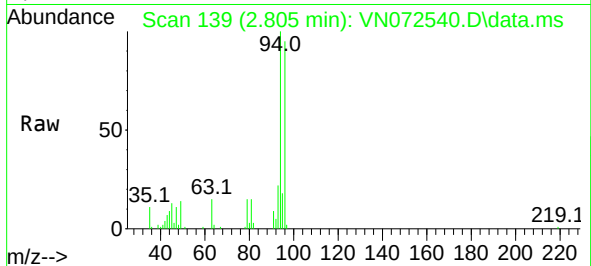




#5
Bromomethane
Concen: 24.947 ug/l
RT: 2.805 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

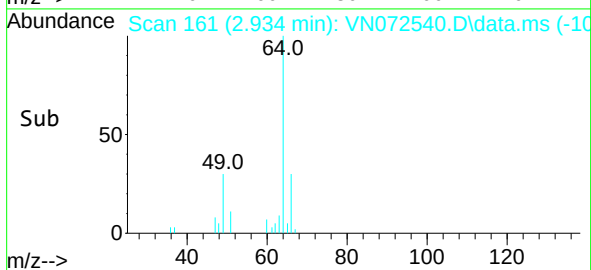
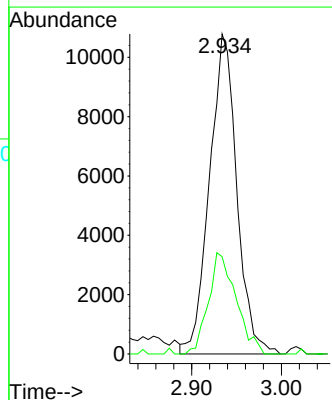
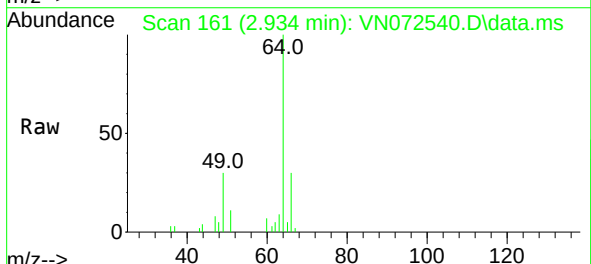
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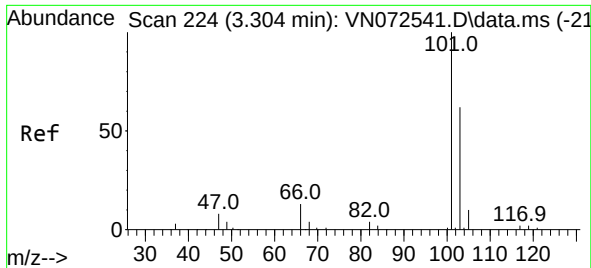
Tgt Ion: 94 Resp: 28082
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0



#6
Chloroethane
Concen: 18.933 ug/l
RT: 2.934 min Scan# 161
Delta R.T. 0.012 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 64 Resp: 22769
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4

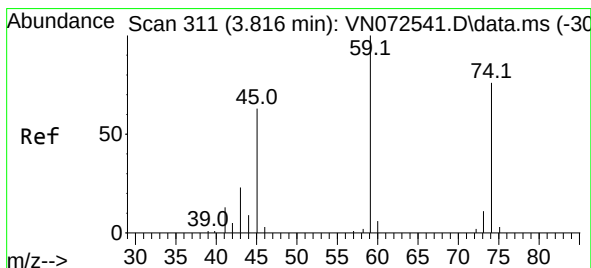
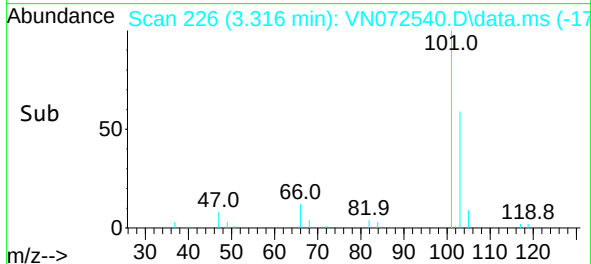
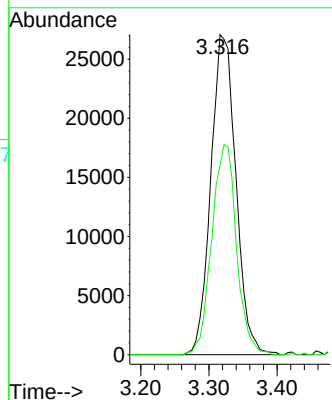
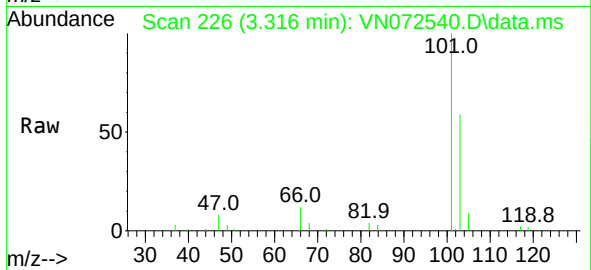




#7
 Trichlorofluoromethane
 Concen: 20.658 ug/l
 RT: 3.316 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

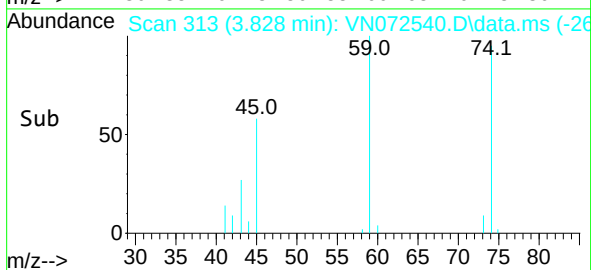
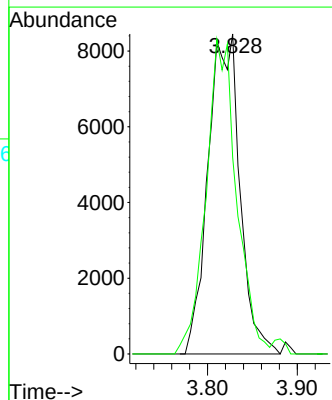
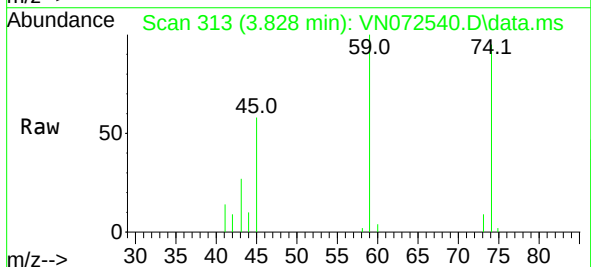
Instrument :
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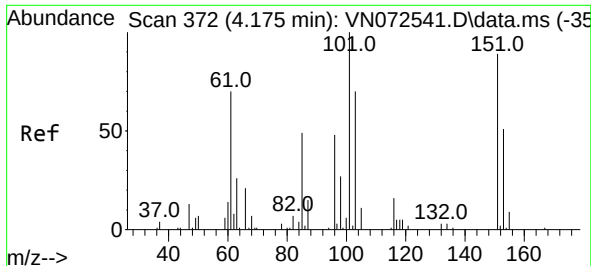
Tgt Ion:101 Resp: 69332
 Ion Ratio Lower Upper
 101 100
 103 59.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 17.505 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.012 min
 Lab File: VN072540.D
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Tgt Ion: 74 Resp: 20746
 Ion Ratio Lower Upper
 74 100
 45 94.9 42.9 128.5

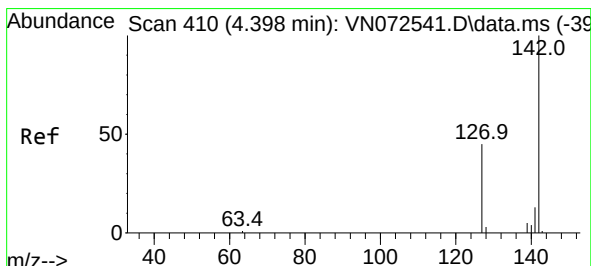
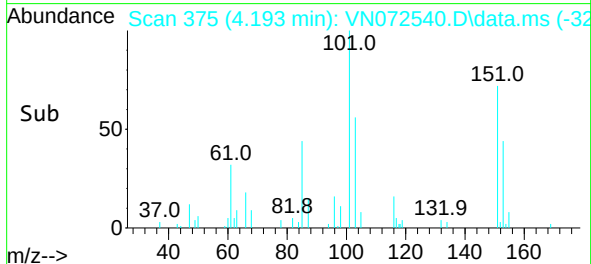
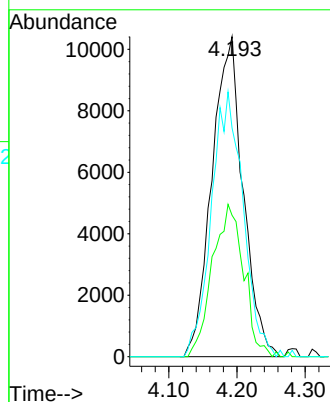
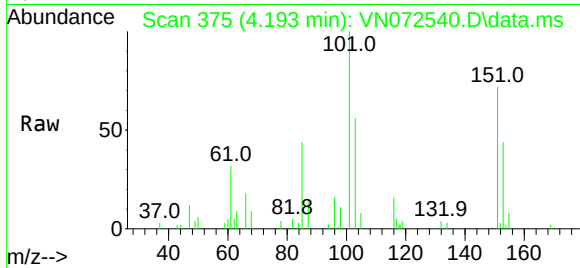




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.371 ug/l
 RT: 4.193 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: VN072540.D
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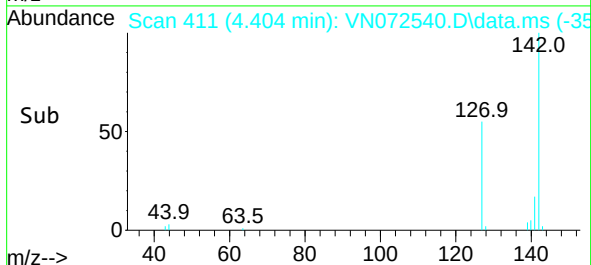
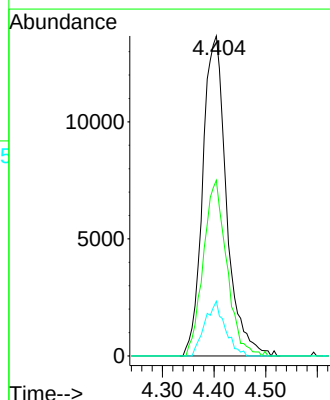
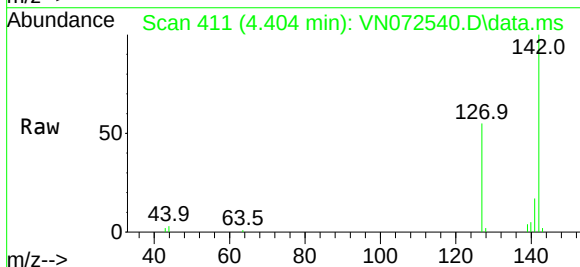
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

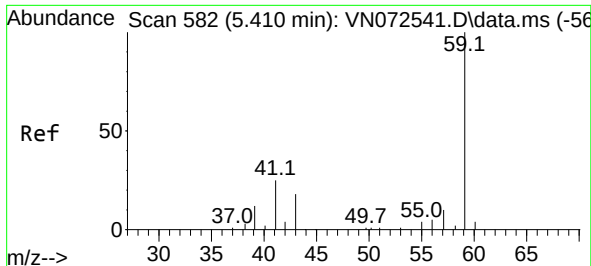
Tgt Ion:101 Resp: 33210
 Ion Ratio Lower Upper
 101 100
 85 47.6 34.7 52.1
 151 84.1 63.0 94.4



#10
 Methyl Iodide
 Concen: 18.317 ug/l
 RT: 4.404 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion:142 Resp: 43590
 Ion Ratio Lower Upper
 142 100
 127 54.1 31.3 46.9#
 141 14.7 11.2 16.8

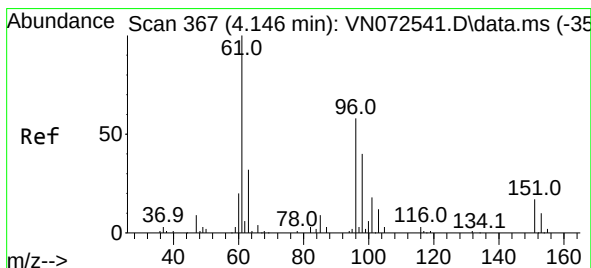
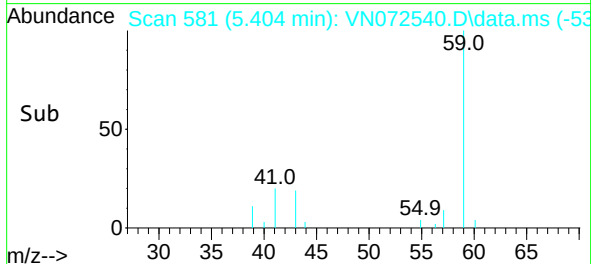
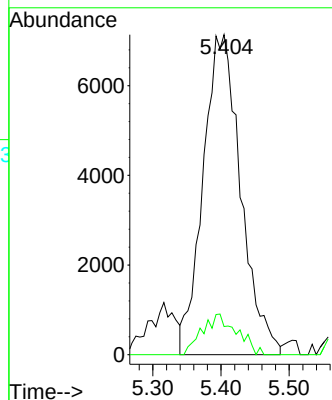
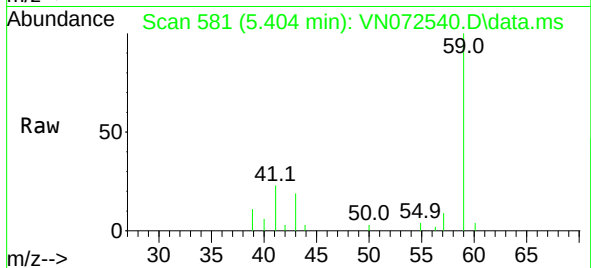




#11
Tert butyl alcohol
Concen: 67.315 ug/l
RT: 5.404 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

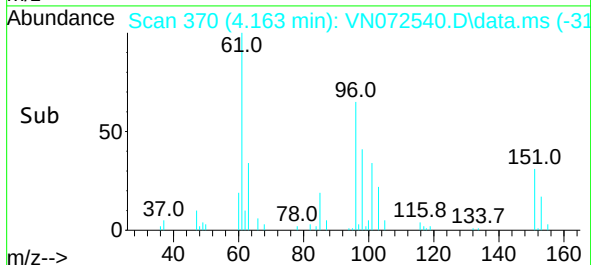
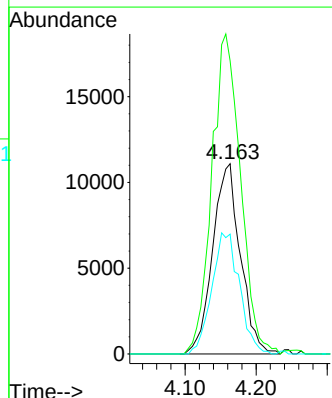
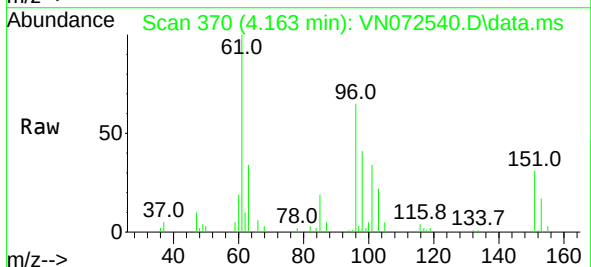
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

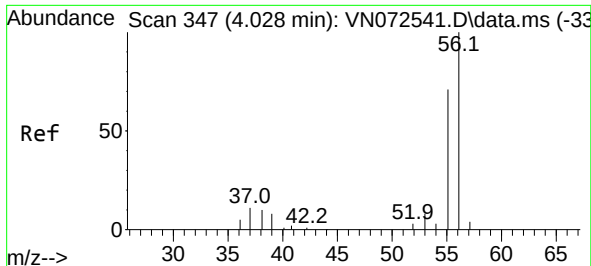
Tgt Ion: 59 Resp: 27392
Ion Ratio Lower Upper
59 100
57 11.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.734 ug/l
RT: 4.163 min Scan# 370
Delta R.T. 0.018 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 96 Resp: 29976
Ion Ratio Lower Upper
96 100
61 154.1 127.6 191.4
98 63.0 51.2 76.8





#13

Acrolein

Concen: 81.813 ug/l

RT: 4.040 min Scan# 347

Delta R.T. 0.012 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

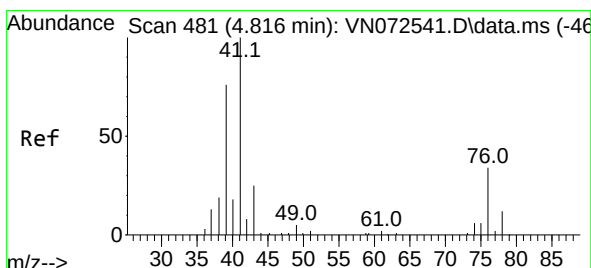
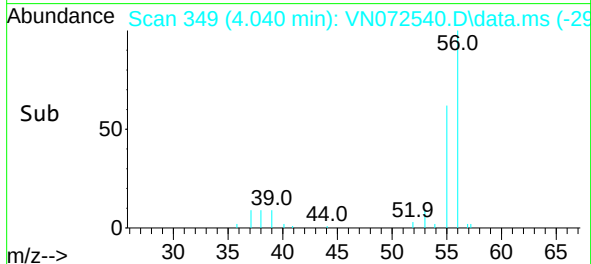
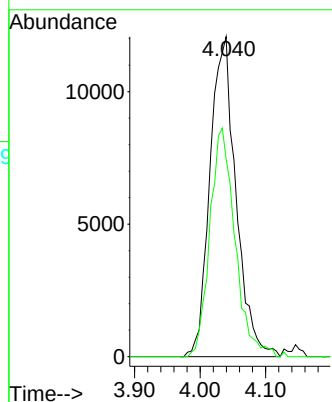
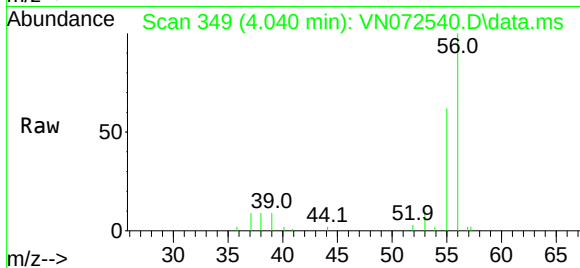
VSTDICC020

Tgt Ion: 56 Resp: 33244

Ion Ratio Lower Upper

56 100

55 69.0 54.8 82.2



#14

Allyl chloride

Concen: 15.544 ug/l

RT: 4.816 min Scan# 481

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

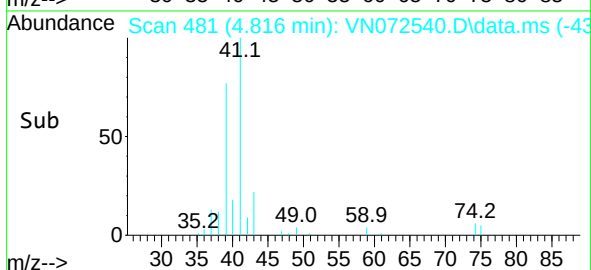
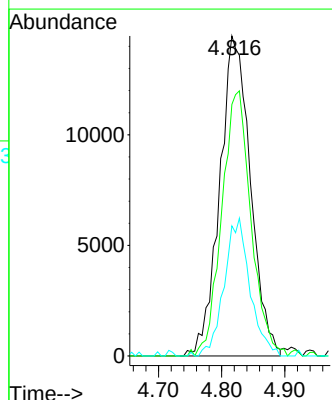
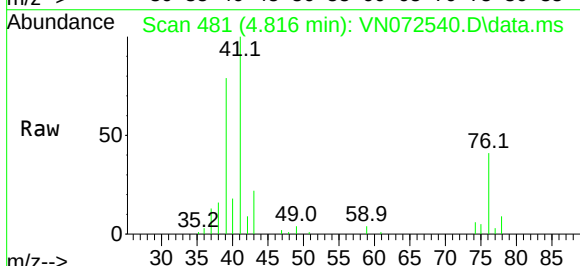
Tgt Ion: 41 Resp: 48968

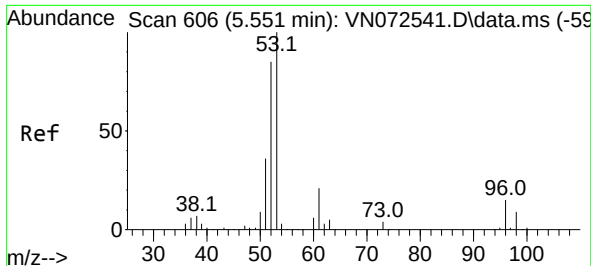
Ion Ratio Lower Upper

41 100

39 78.6 53.2 79.8

76 36.0 29.9 44.9

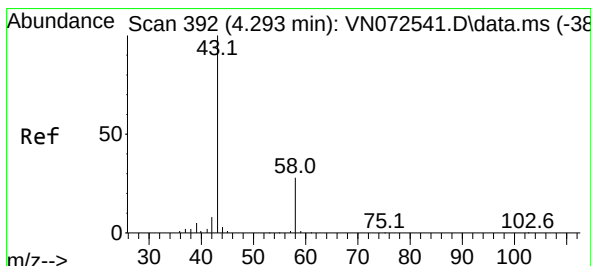
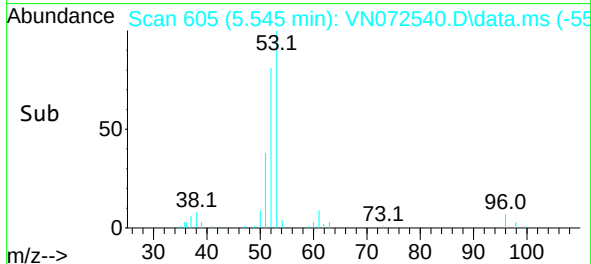
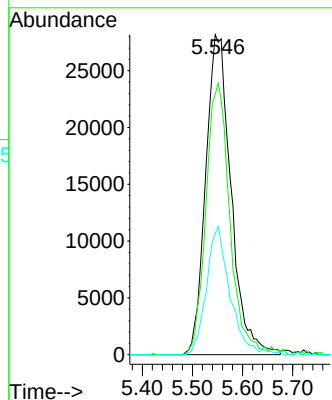
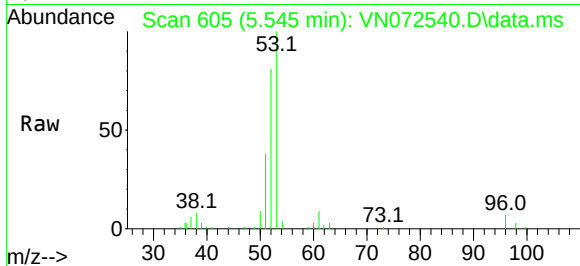




#15
Acrylonitrile
Concen: 85.548 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

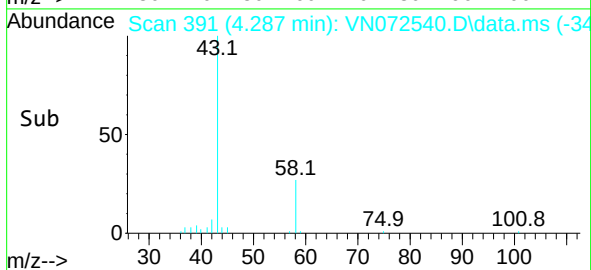
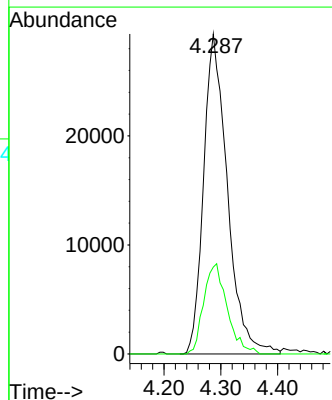
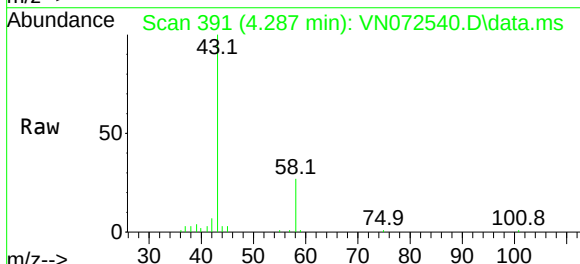
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

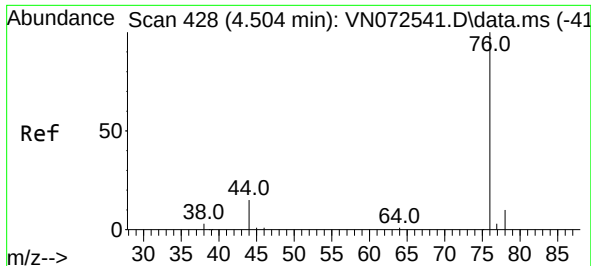
Tgt Ion:	53	Resp:	98655
Ion	Ratio	Lower	Upper
53	100		
52	79.6	66.4	99.6
51	36.7	28.5	42.7



#16
Acetone
Concen: 84.187 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:	43	Resp:	85270
Ion	Ratio	Lower	Upper
43	100		
58	27.2	26.0	39.0

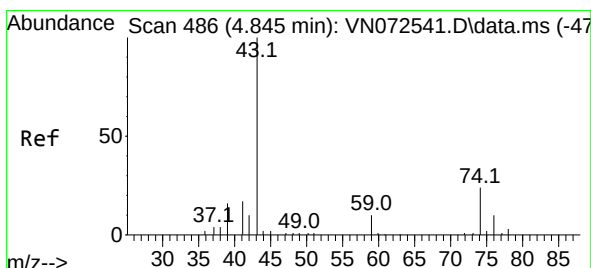
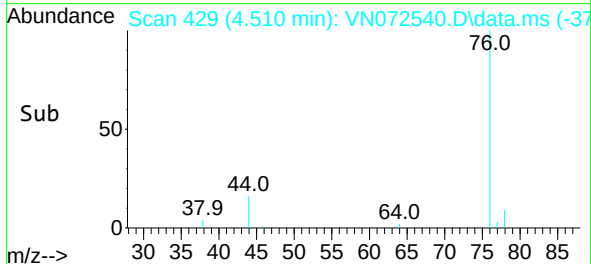
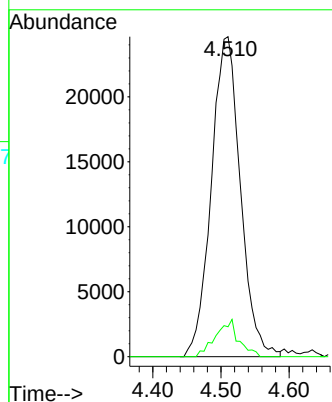
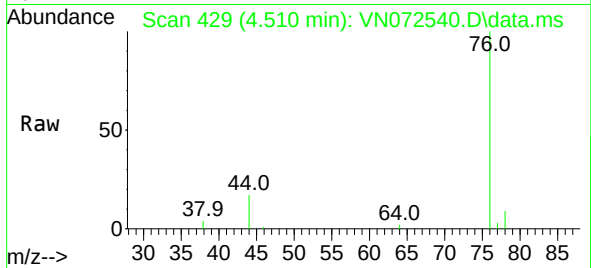




#17
Carbon Disulfide
Concen: 16.659 ug/l
RT: 4.510 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

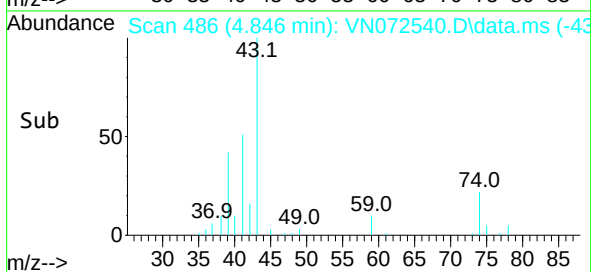
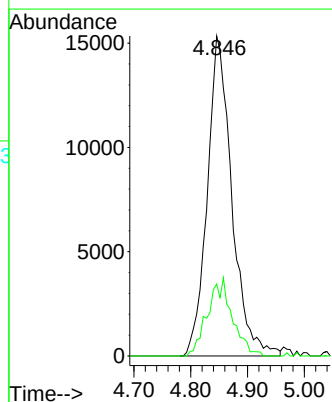
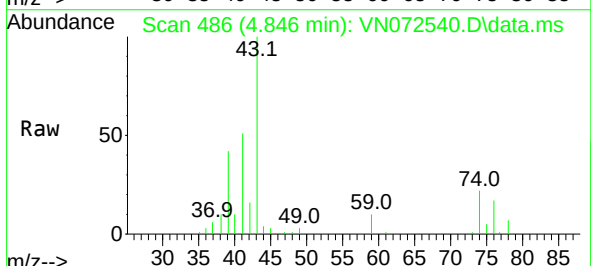
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

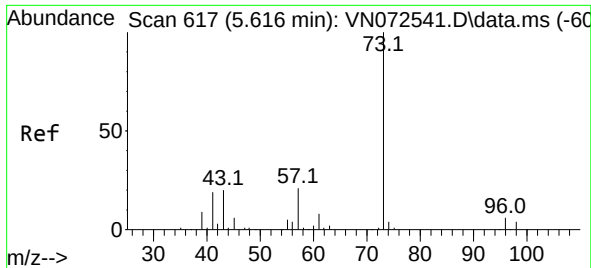
Tgt Ion: 76 Resp: 73147
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 15.402 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 43 Resp: 46100
Ion Ratio Lower Upper
43 100
74 24.5 21.6 32.4

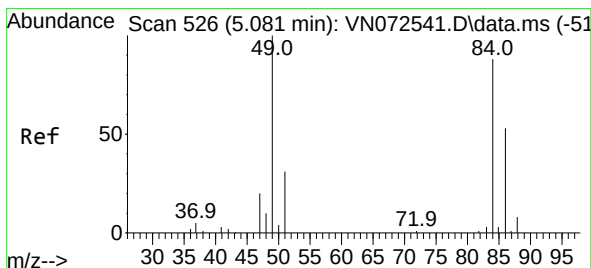
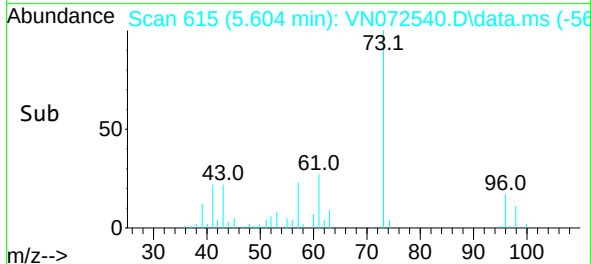
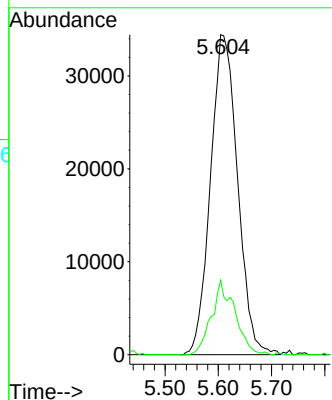
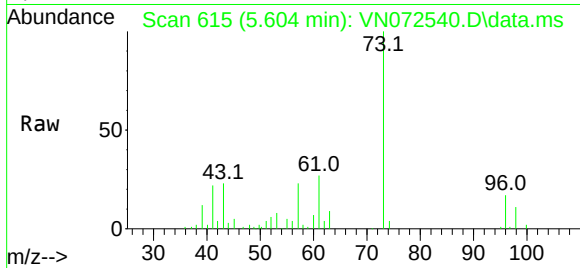




#19
Methyl tert-butyl Ether
Concen: 19.495 ug/l
RT: 5.604 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

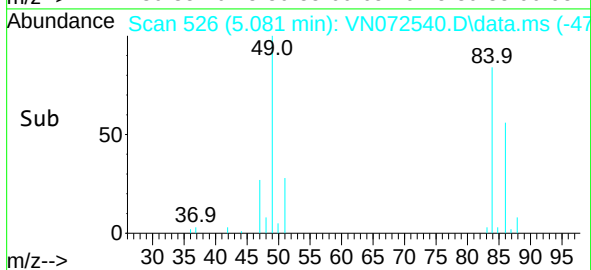
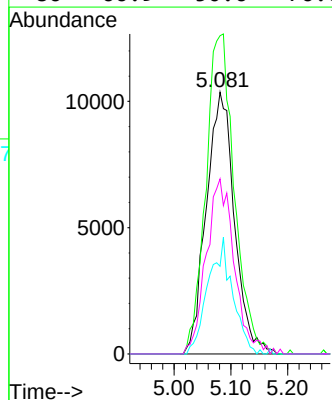
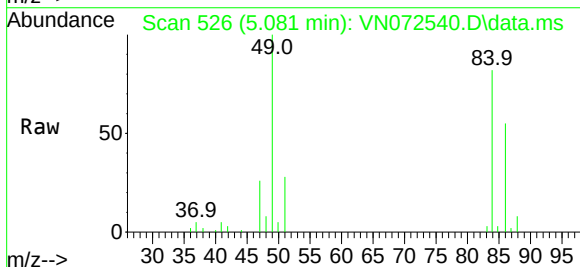
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

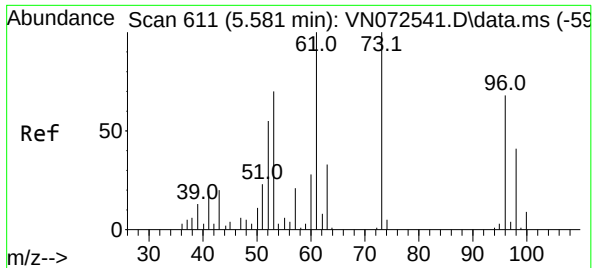
Tgt Ion: 73 Resp: 121671
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4



#20
Methylene Chloride
Concen: 16.726 ug/l
RT: 5.081 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 84 Resp: 35673
Ion Ratio Lower Upper
84 100
49 121.6 88.3 132.5
51 33.5 28.2 42.2
86 66.9 50.6 76.0

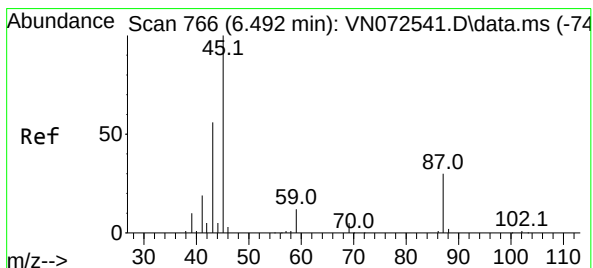
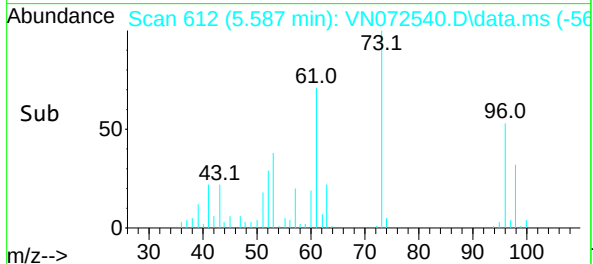
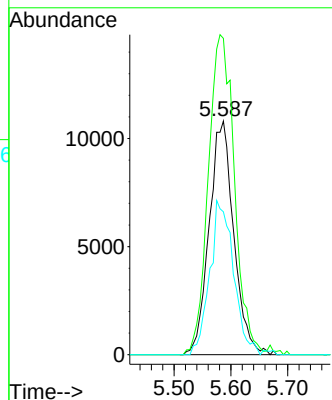
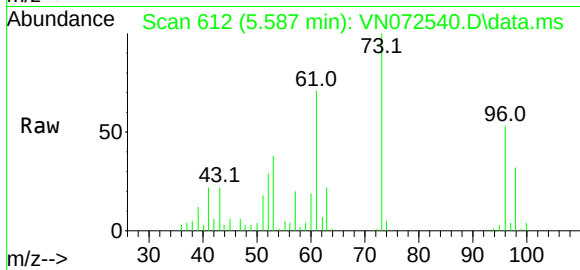




#21
trans-1,2-Dichloroethene
Concen: 18.010 ug/l
RT: 5.587 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

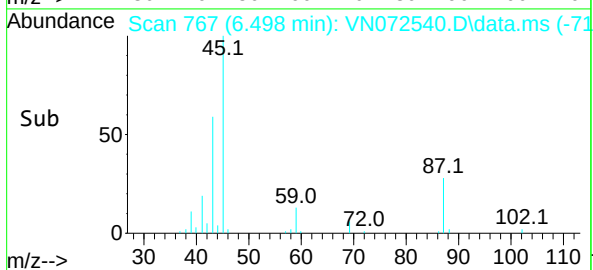
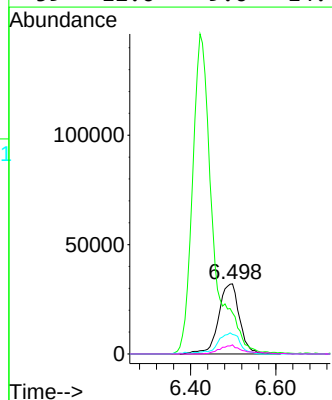
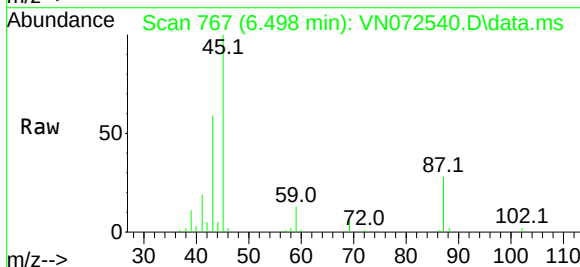
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

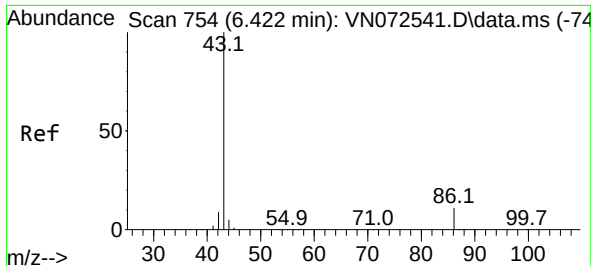
Tgt Ion: 96 Resp: 32509
Ion Ratio Lower Upper
96 100
61 135.4 105.8 158.8
98 61.1 50.3 75.5



#22
Diisopropyl ether
Concen: 16.943 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 45 Resp: 109541
Ion Ratio Lower Upper
45 100
43 56.4 46.6 70.0
87 27.9 24.3 36.5
59 12.6 9.6 14.4

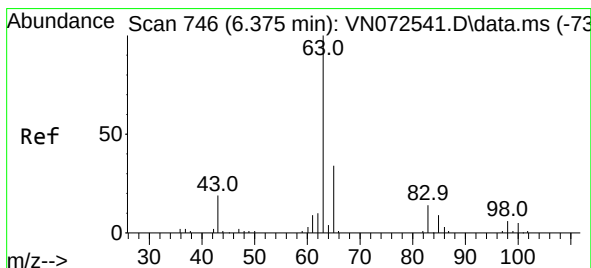
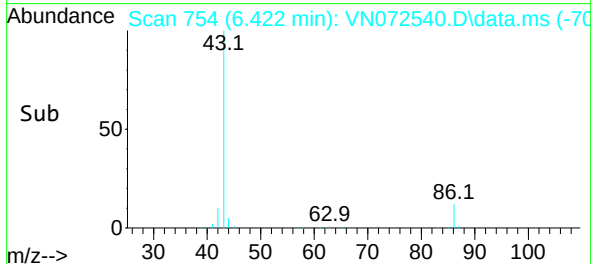
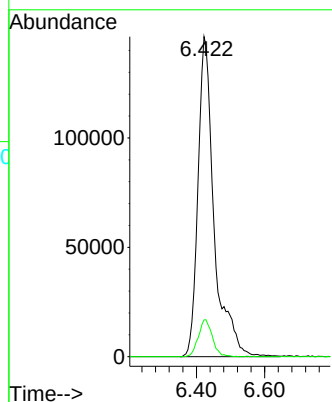
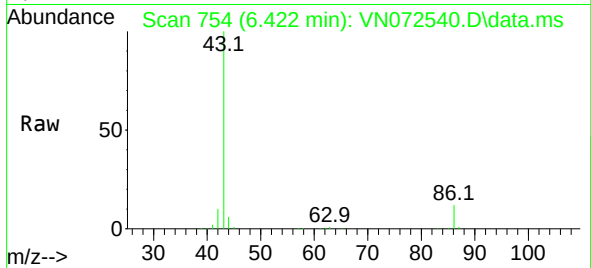




#23
 Vinyl Acetate
 Concen: 88.902 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

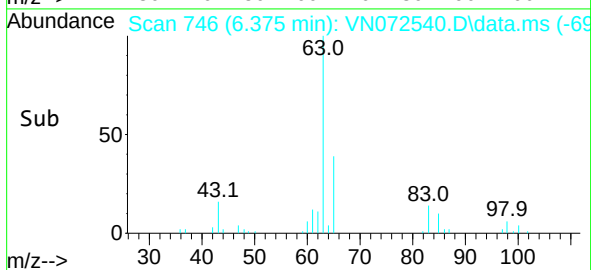
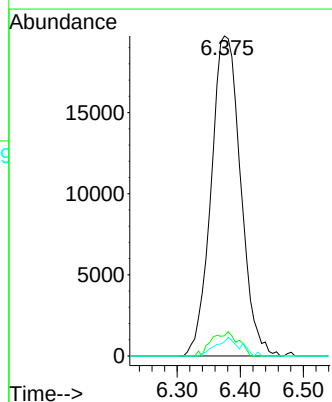
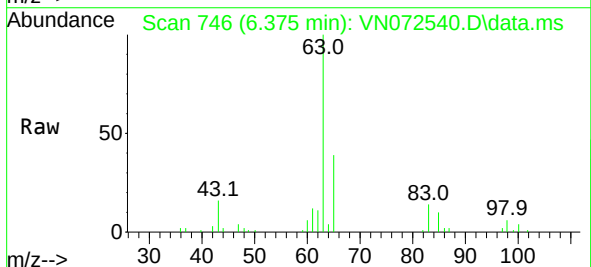
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

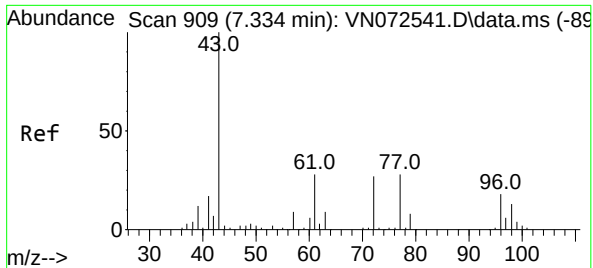
Tgt Ion: 43 Resp: 480983
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 17.433 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion: 63 Resp: 63888
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.4 2.3 6.8

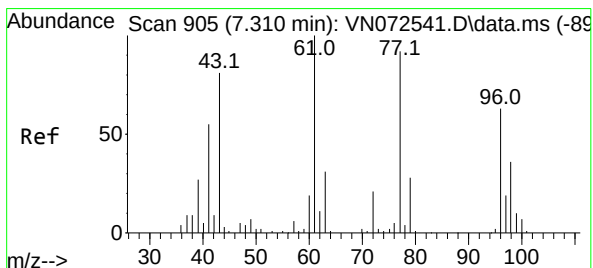
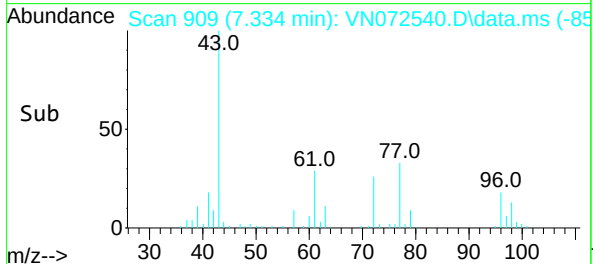
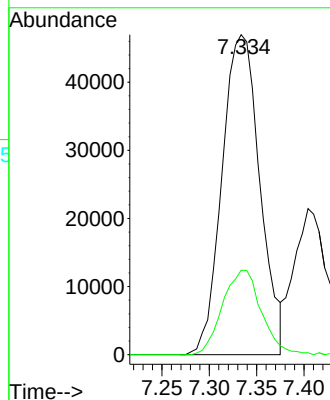
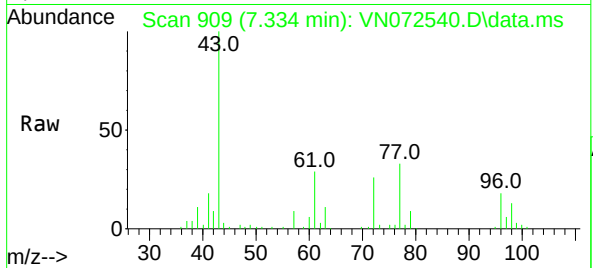




#25
2-Butanone
Concen: 81.151 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

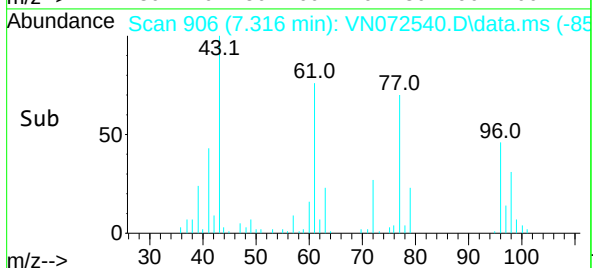
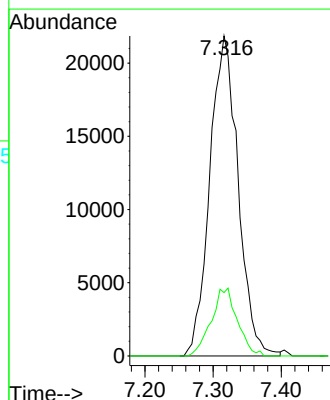
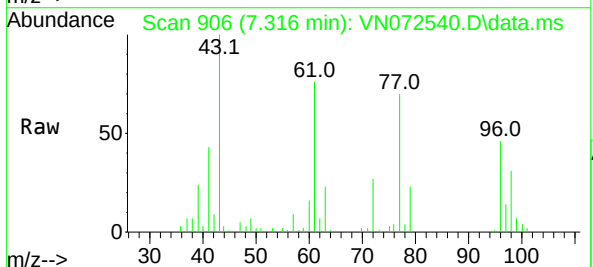
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

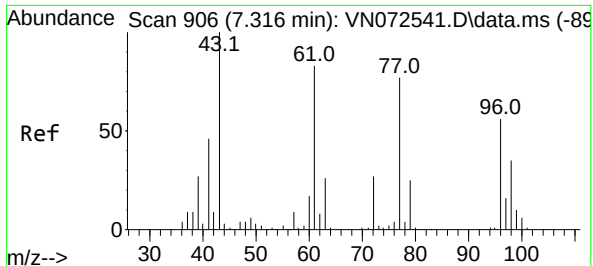
Tgt Ion: 43 Resp: 130591
Ion Ratio Lower Upper
43 100
72 26.4 23.7 35.5



#26
2,2-Dichloropropane
Concen: 20.293 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 77 Resp: 63201
Ion Ratio Lower Upper
77 100
97 19.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.015 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

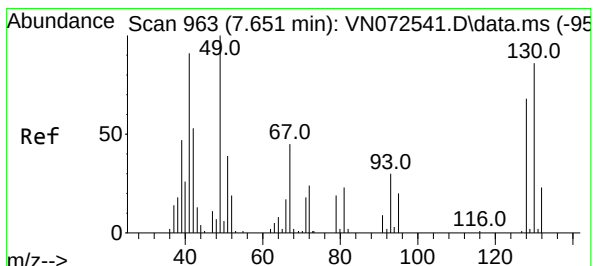
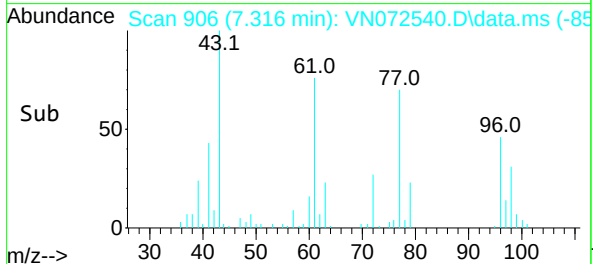
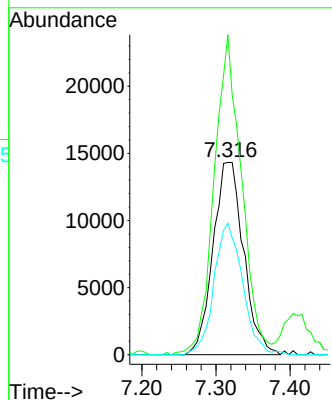
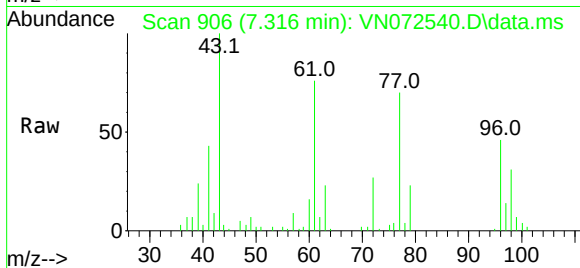
Tgt Ion: 96 Resp: 40982

Ion Ratio Lower Upper

96 100

61 149.5 0.0 280.6

98 63.7 0.0 128.4



#28

Bromochloromethane

Concen: 16.309 ug/l

RT: 7.645 min Scan# 962

Delta R.T. -0.006 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

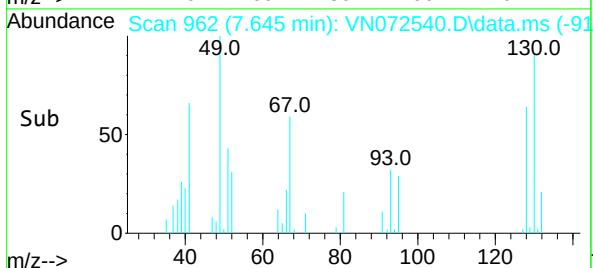
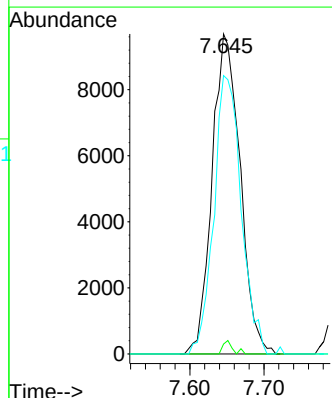
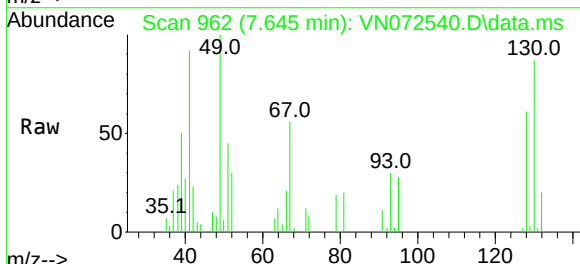
Tgt Ion: 49 Resp: 25450

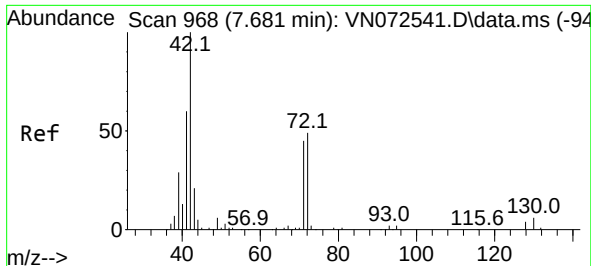
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 84.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 78.638 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

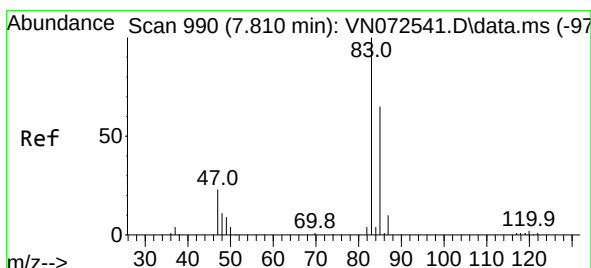
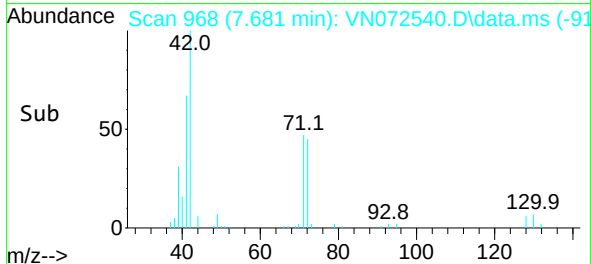
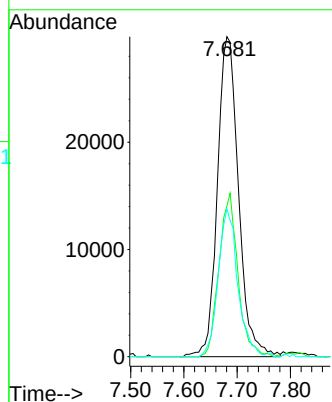
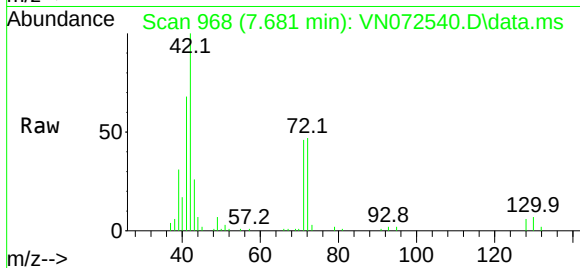
Tgt Ion: 42 Resp: 82118

Ion Ratio Lower Upper

42 100

72 45.9 39.7 59.5

71 42.8 36.6 55.0



#30

Chloroform

Concen: 19.717 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072540.D

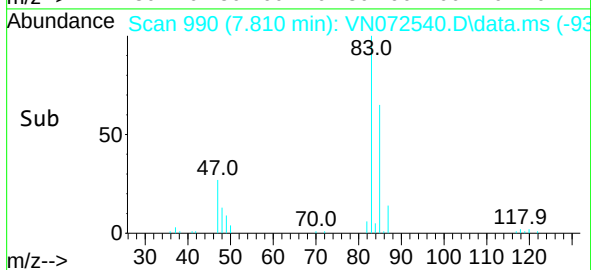
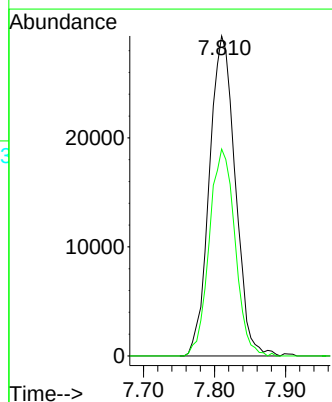
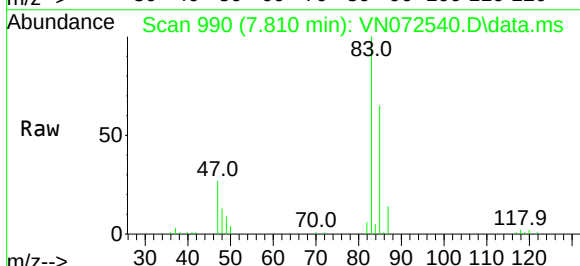
Acq: 18 May 2022 14:18

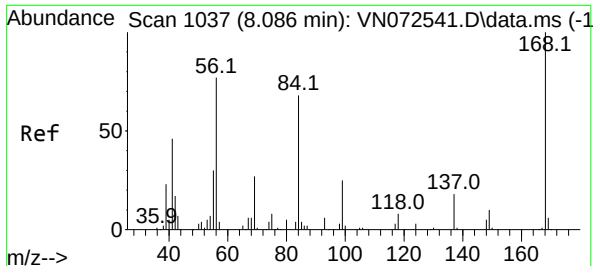
Tgt Ion: 83 Resp: 74387

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 17.141 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

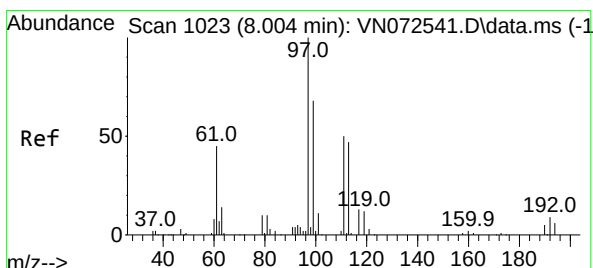
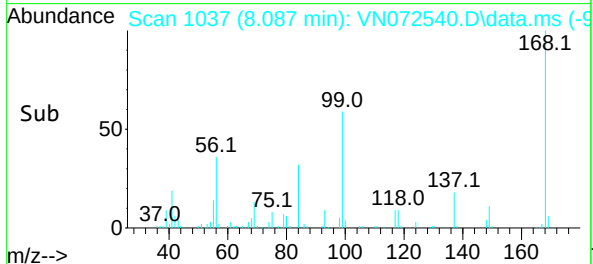
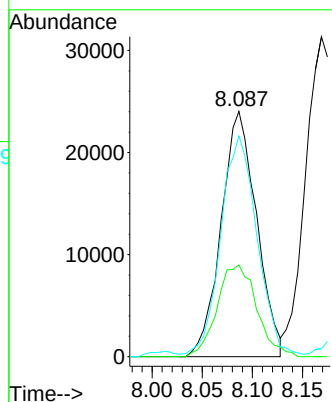
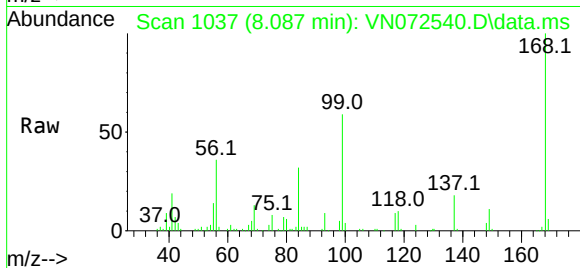
Tgt Ion: 56 Resp: 59014

Ion Ratio Lower Upper

56 100

69 37.4 27.8 41.8

84 89.1 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 20.842 ug/l

RT: 8.004 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

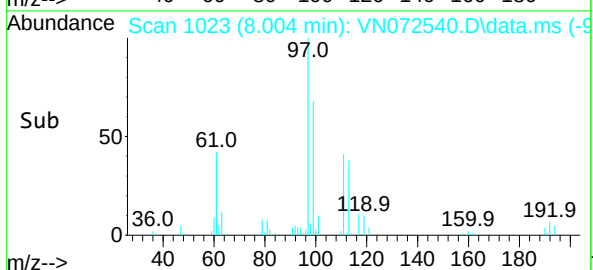
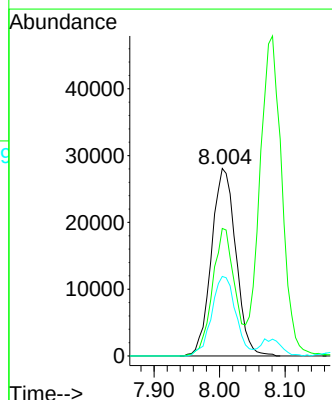
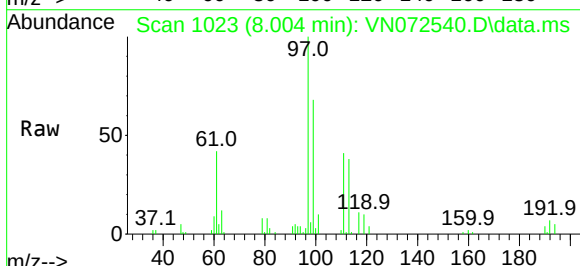
Tgt Ion: 97 Resp: 72532

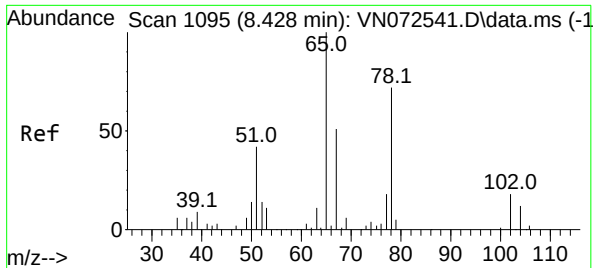
Ion Ratio Lower Upper

97 100

99 62.7 50.6 76.0

61 41.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 19.917 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

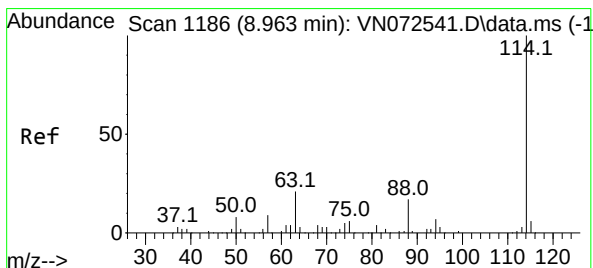
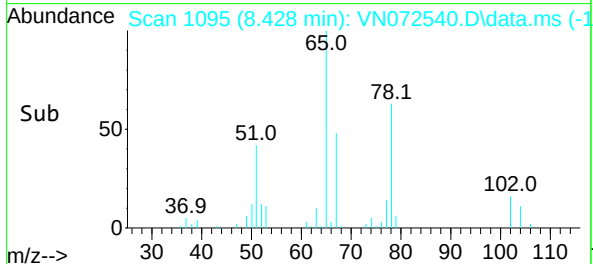
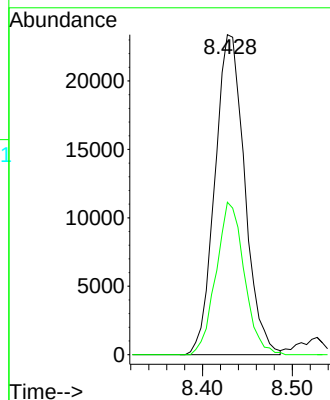
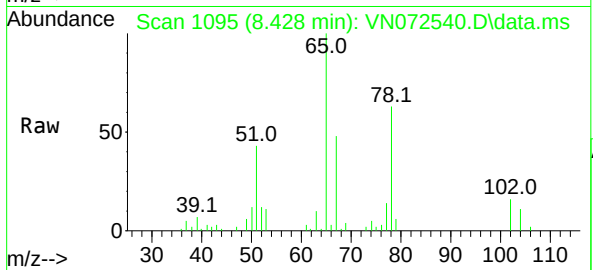
VSTDIC020

Tgt Ion: 65 Resp: 53818

Ion Ratio Lower Upper

65 100

67 45.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

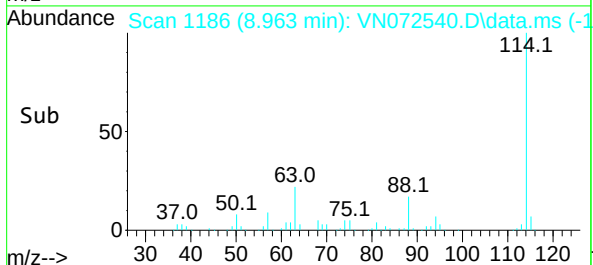
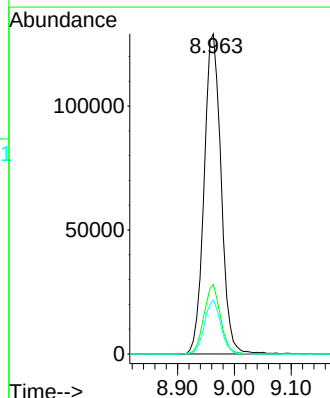
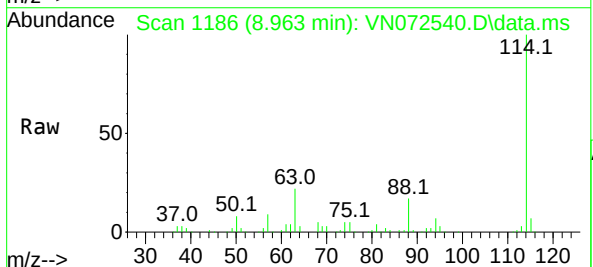
Tgt Ion: 114 Resp: 267423

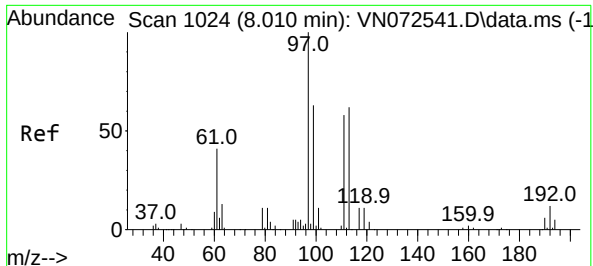
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 19.615 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

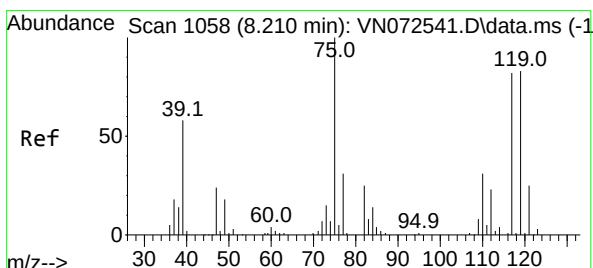
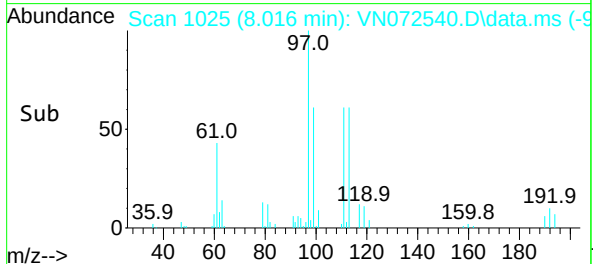
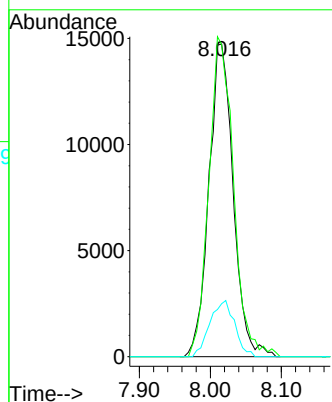
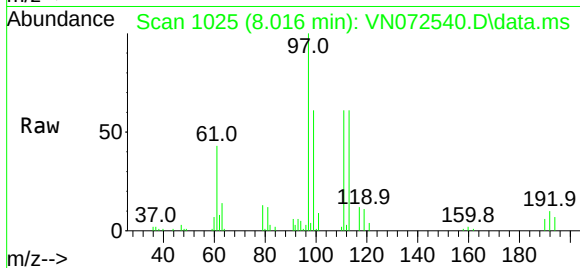
Tgt Ion:113 Resp: 35062

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 19.888 ug/l

RT: 8.210 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

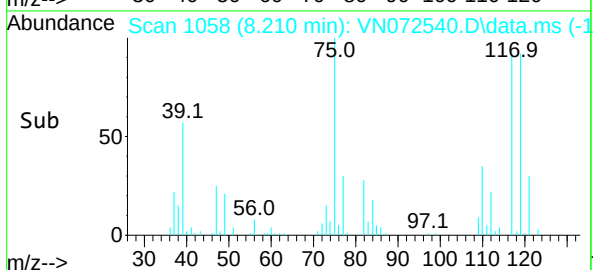
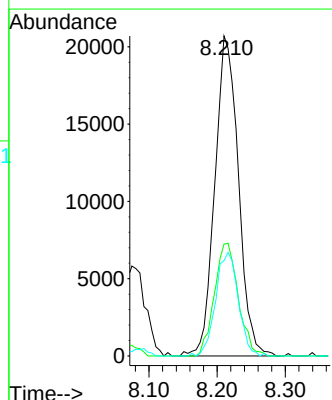
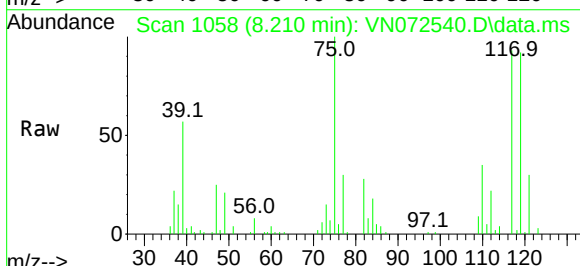
Tgt Ion: 75 Resp: 49802

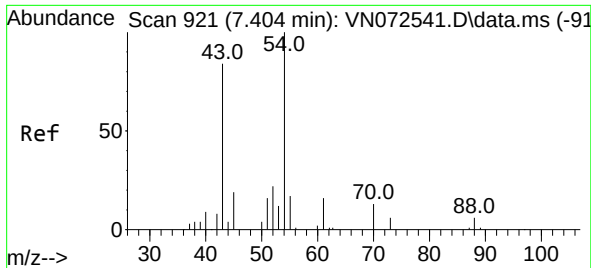
Ion Ratio Lower Upper

75 100

110 35.7 18.3 54.8

77 31.1 25.1 37.7

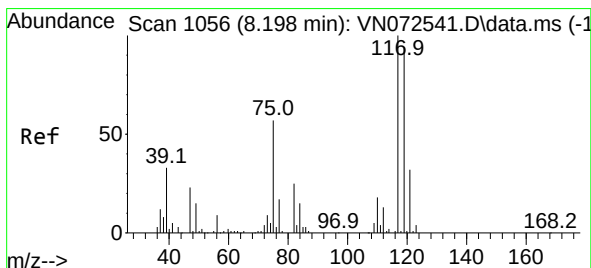
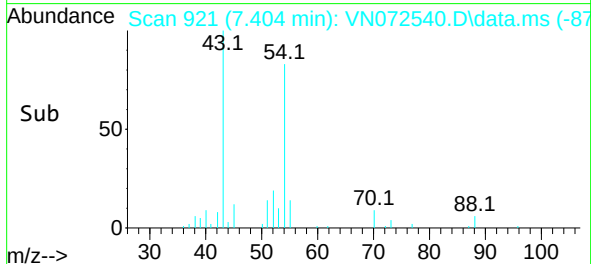
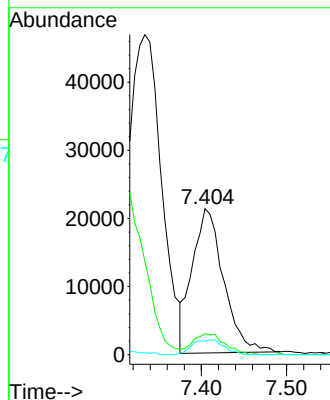
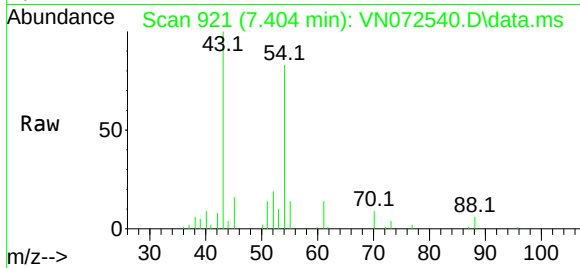




#37
Ethyl Acetate
Concen: 18.429 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

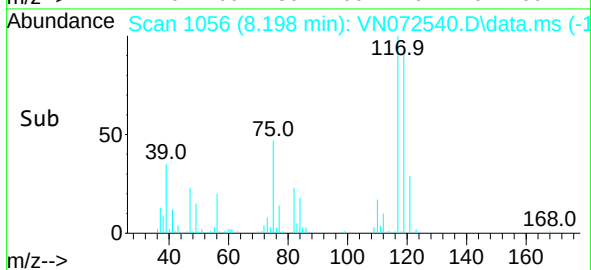
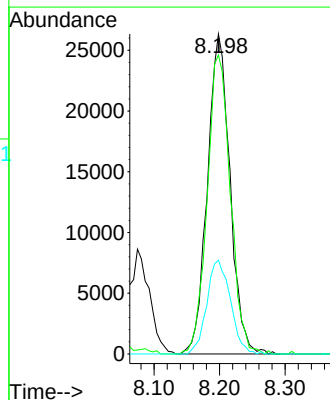
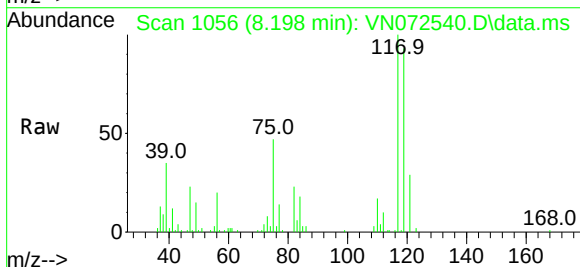
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

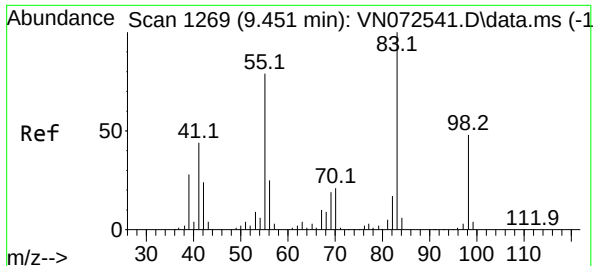
Tgt Ion:	43	Resp:	54157
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.8	17.6
70	10.4	9.3	13.9



#38
Carbon Tetrachloride
Concen: 22.335 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:	117	Resp:	63159
Ion Ratio	Lower	Upper	
117	100		
119	93.4	75.8	113.8
121	29.3	24.6	37.0





#39

Methylcyclohexane

Concen: 20.318 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

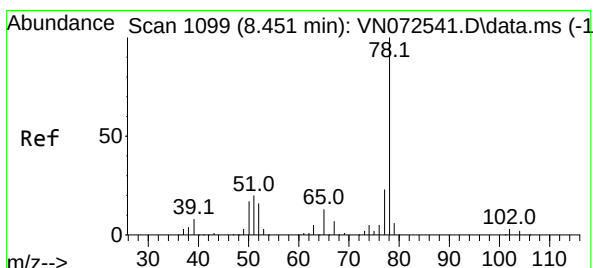
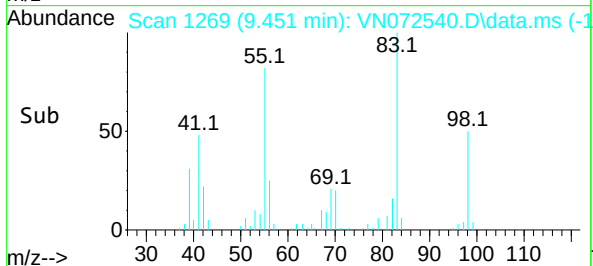
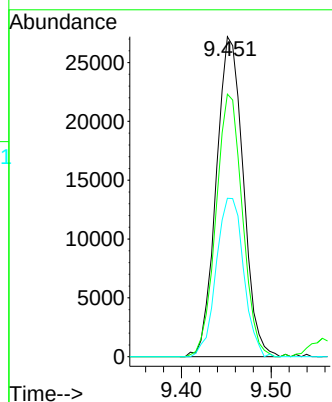
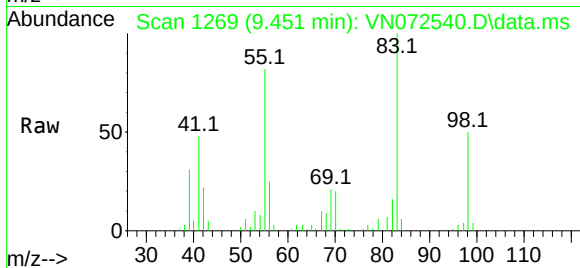
Tgt Ion: 83 Resp: 56812

Ion Ratio Lower Upper

83 100

55 82.0 57.8 86.8

98 49.5 39.4 59.2



#40

Benzene

Concen: 19.443 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VN072540.D

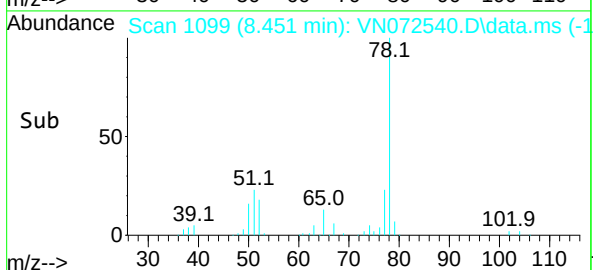
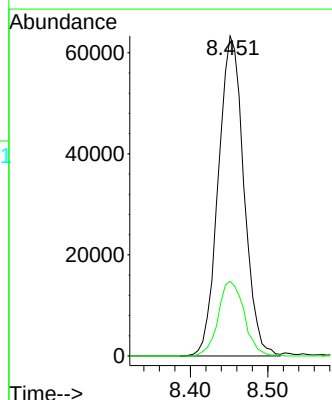
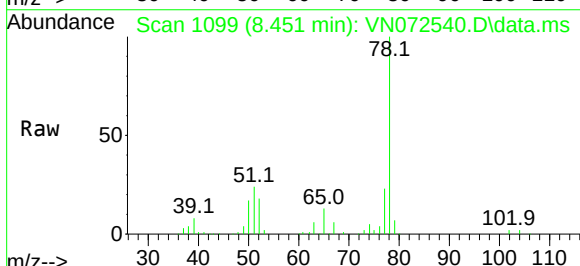
Acq: 18 May 2022 14:18

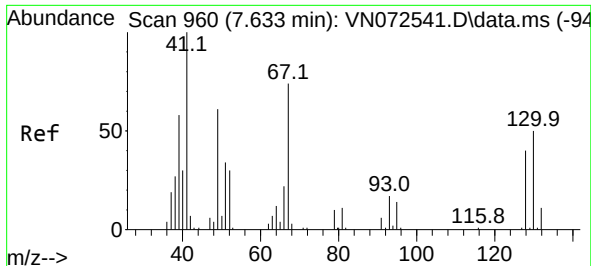
Tgt Ion: 78 Resp: 145288

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

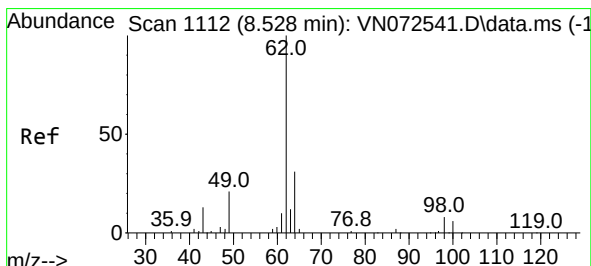
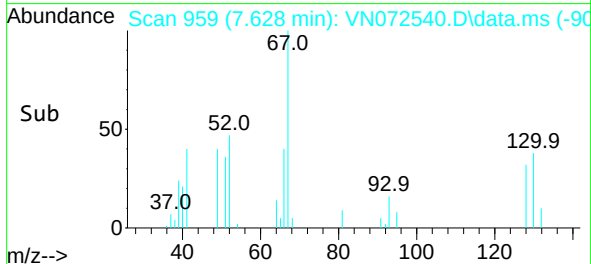
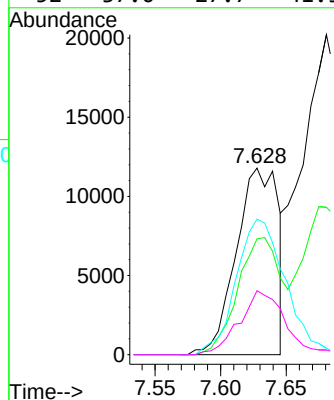
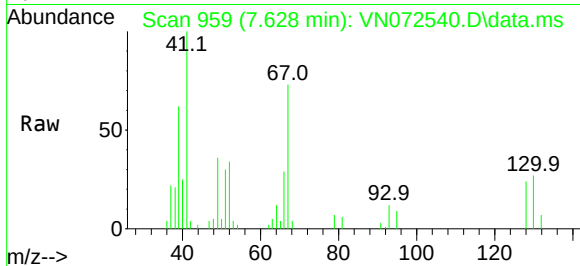




#41
Methacrylonitrile
Concen: 17.709 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

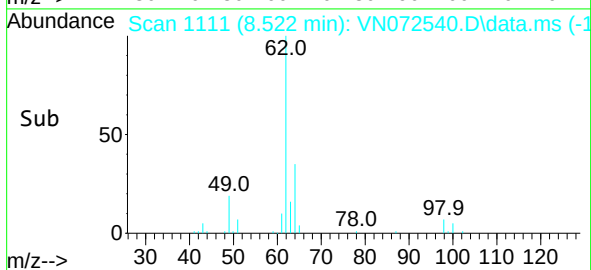
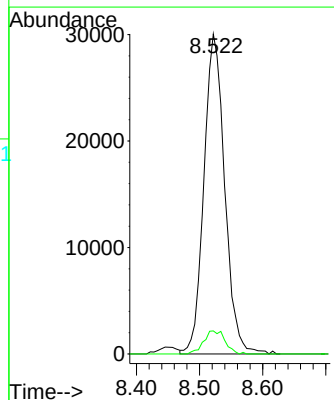
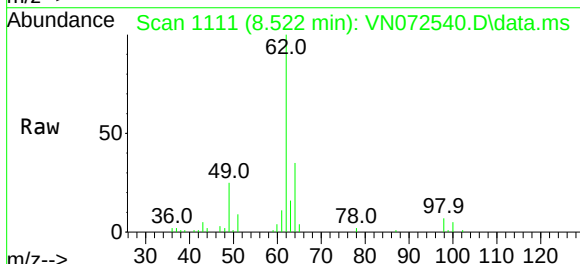
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

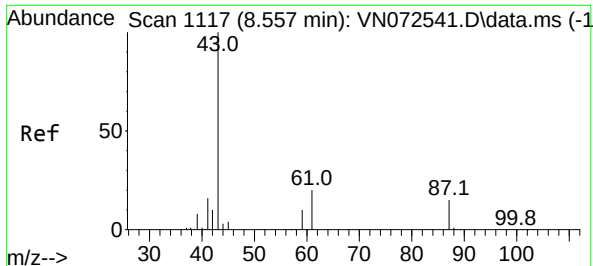
Tgt Ion:	41	Resp:	26296
Ion	Ratio	Lower	Upper
41	100		
39	65.0	48.6	73.0
67	84.9	73.4	110.2
52	37.0	27.7	41.5



#42
1,2-Dichloroethane
Concen: 22.580 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:	62	Resp:	68800
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	19.4

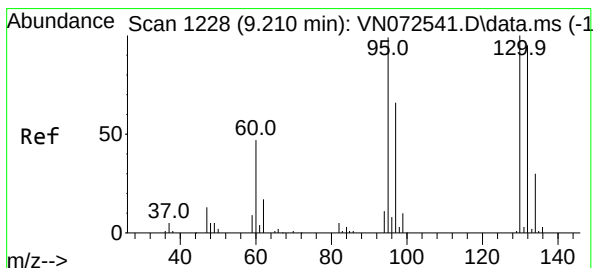
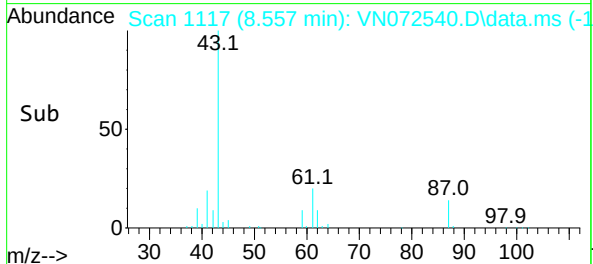
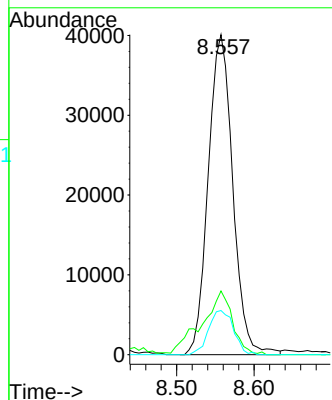
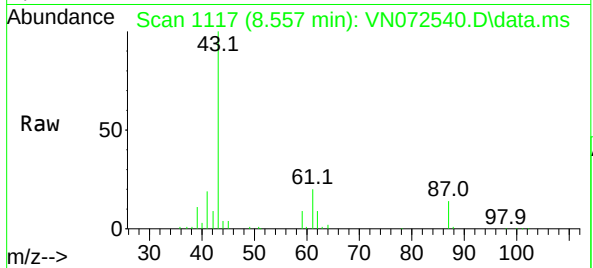




#43
Isopropyl Acetate
Concen: 19.193 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

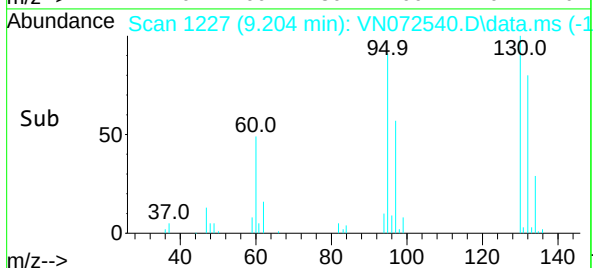
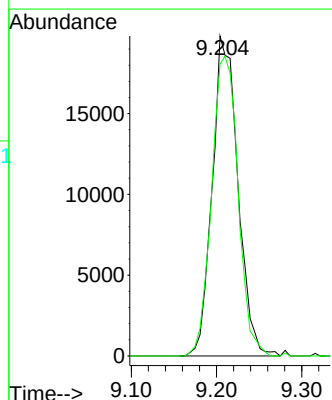
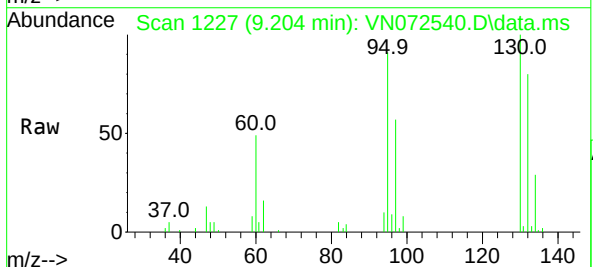
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

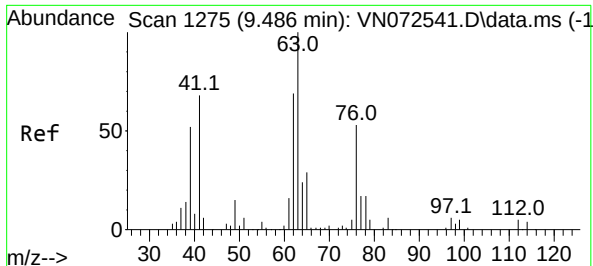
Tgt Ion: 43 Resp: 88307
Ion Ratio Lower Upper
43 100
61 25.1 21.9 32.9
87 14.0 12.0 18.0



#44
Trichloroethene
Concen: 21.744 ug/l
RT: 9.204 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 130 Resp: 41368
Ion Ratio Lower Upper
130 100
95 91.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.701 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

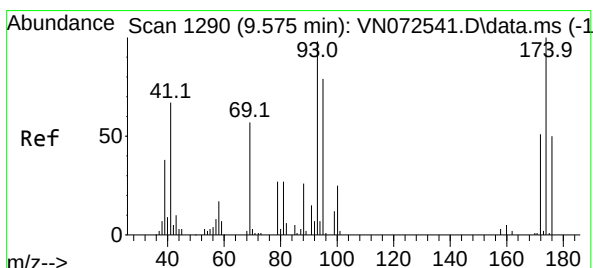
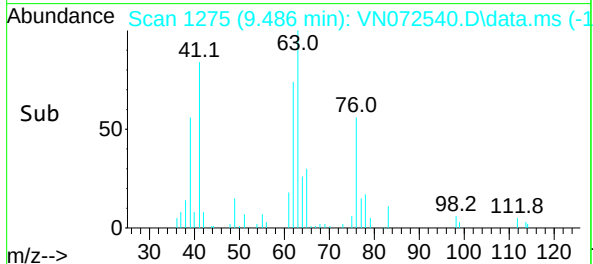
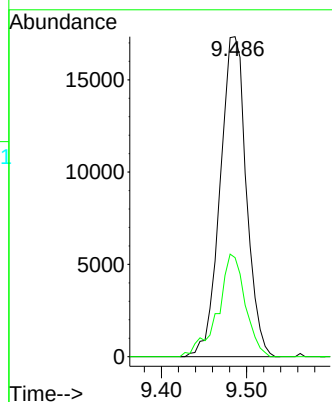
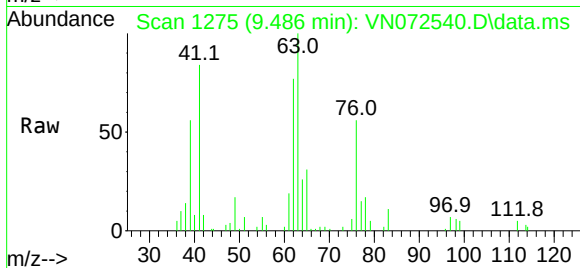
VSTDIC020

Tgt Ion: 63 Resp: 36979

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 19.945 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

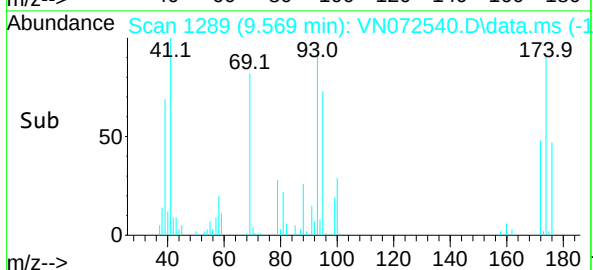
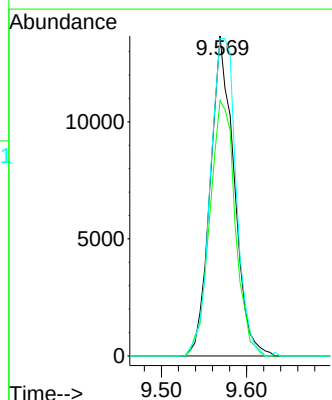
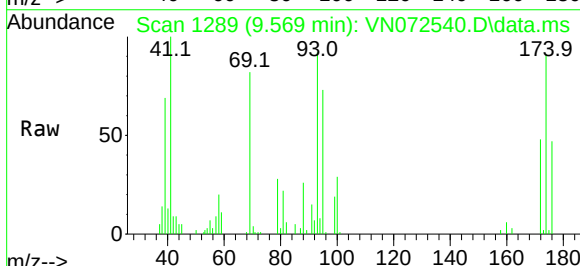
Tgt Ion: 93 Resp: 26537

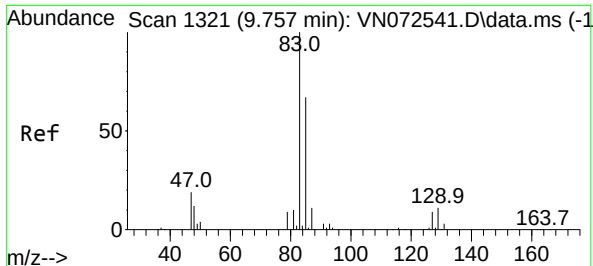
Ion Ratio Lower Upper

93 100

95 84.9 66.9 100.3

174 106.9 86.6 130.0





#47

Bromodichloromethane

Concen: 21.372 ug/l

RT: 9.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

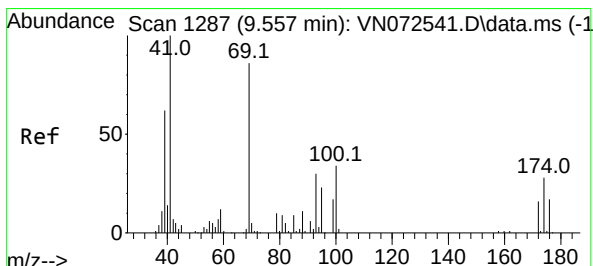
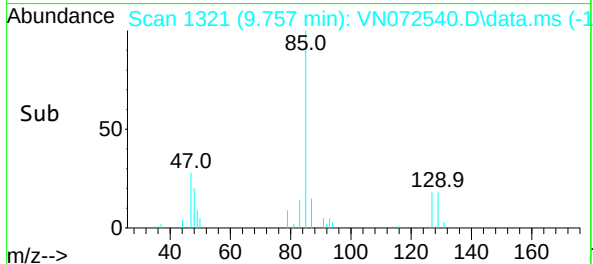
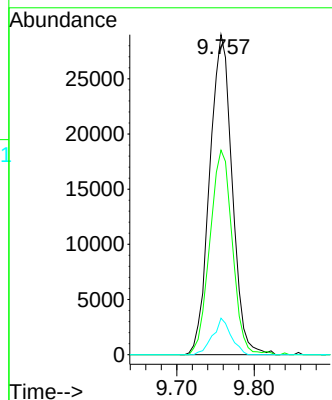
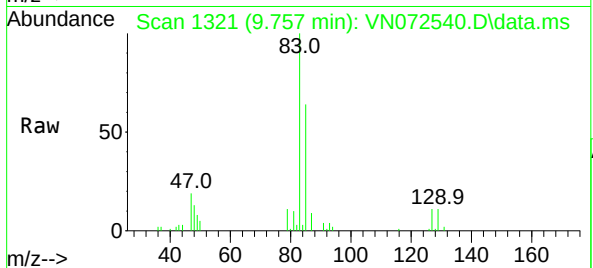
Tgt Ion: 83 Resp: 58444

Ion Ratio Lower Upper

83 100

85 63.9 50.5 75.7

127 11.4 6.8 10.2#



#48

Methyl methacrylate

Concen: 19.614 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

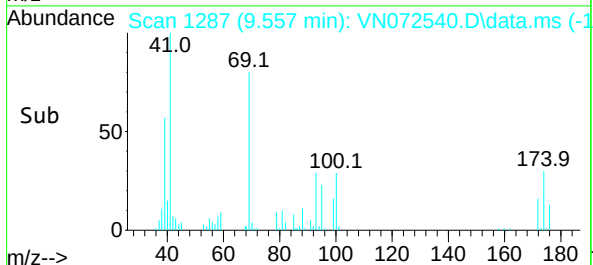
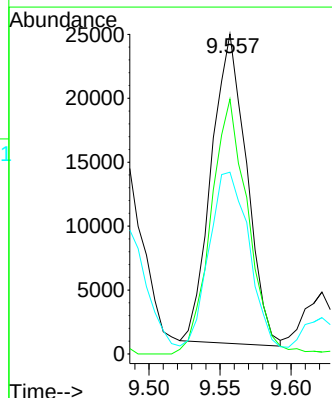
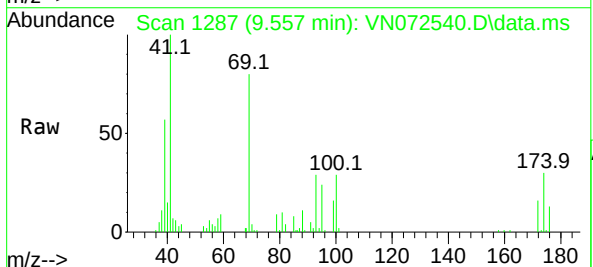
Tgt Ion: 41 Resp: 41703

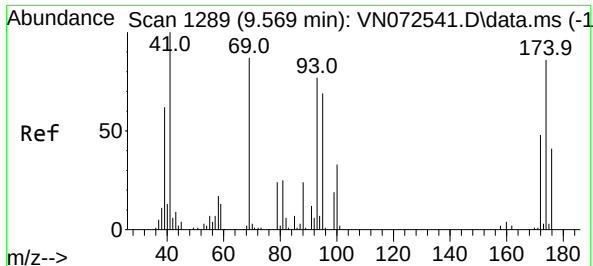
Ion Ratio Lower Upper

41 100

69 86.9 74.7 112.1

39 69.0 45.6 68.4#





#49

1,4-Dioxane

Concen: 240.416 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

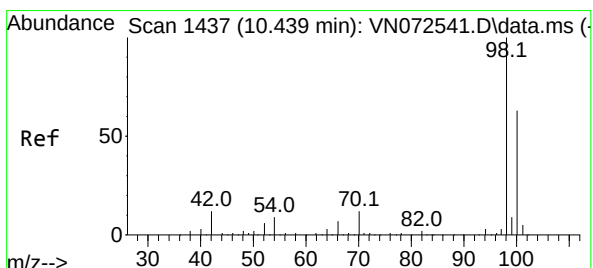
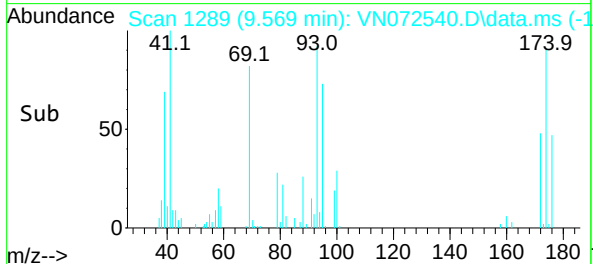
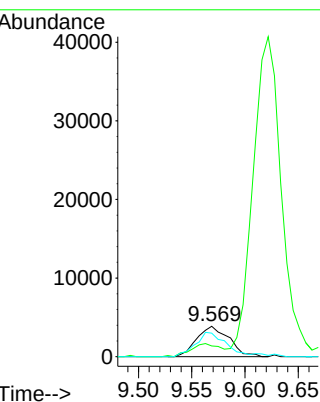
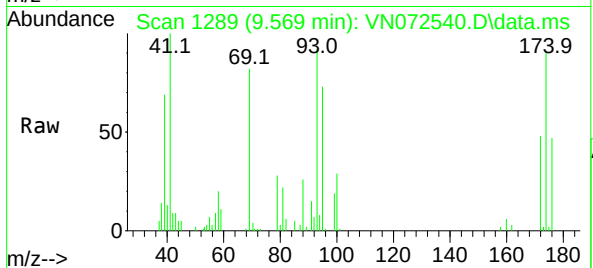
Tgt Ion: 88 Resp: 8147

Ion Ratio Lower Upper

88 100

43 39.0 20.2 30.4#

58 81.0 54.2 81.4



#50

Toluene-d8

Concen: 19.888 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072540.D

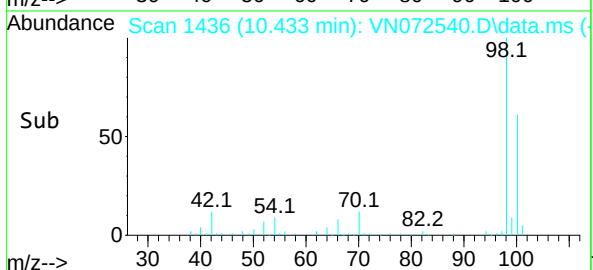
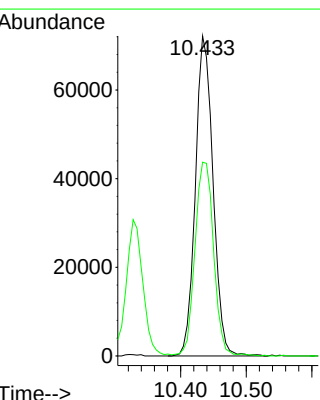
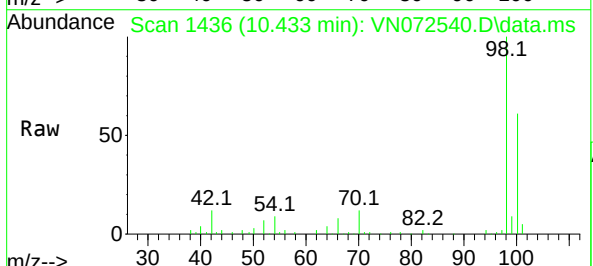
Acq: 18 May 2022 14:18

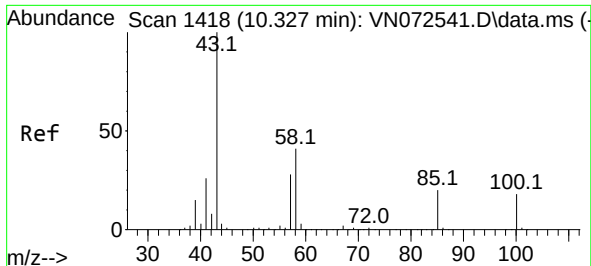
Tgt Ion: 98 Resp: 135064

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

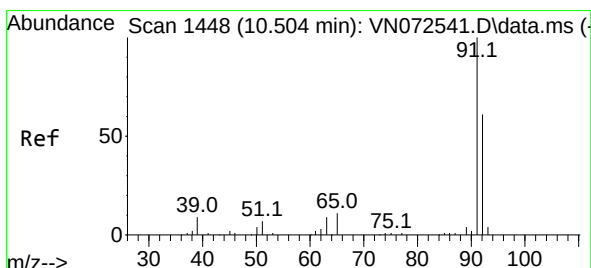
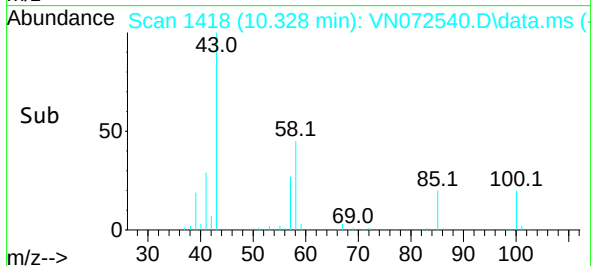
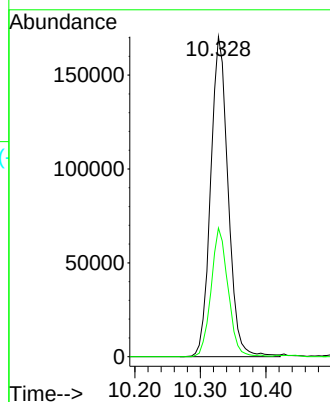
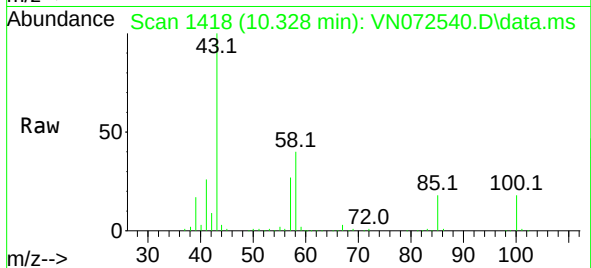




#51
4-Methyl-2-Pentanone
Concen: 109.293 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

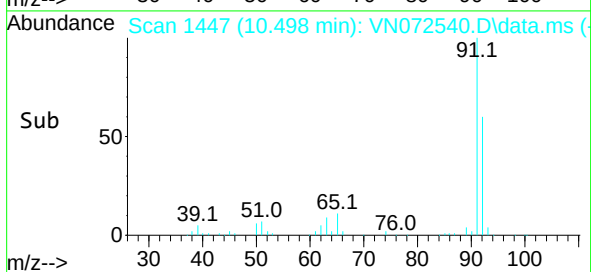
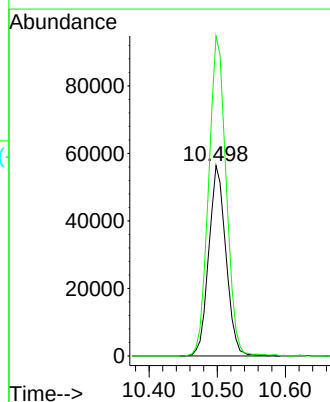
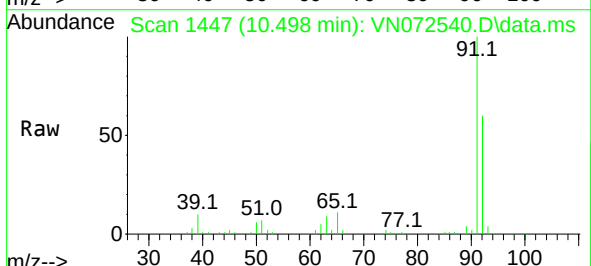
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

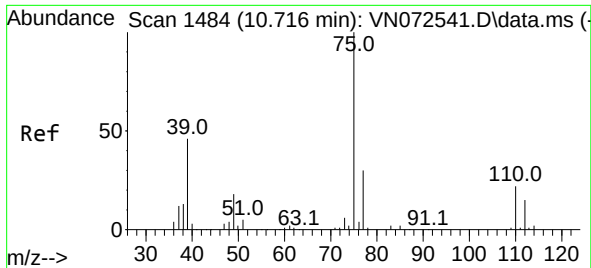
Tgt Ion: 43 Resp: 315121
Ion Ratio Lower Upper
43 100
58 39.1 34.1 51.1



#52
Toluene
Concen: 21.178 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 92 Resp: 98747
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

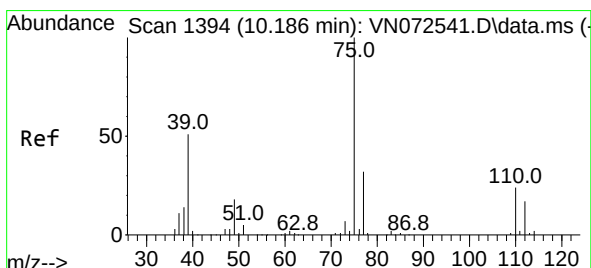
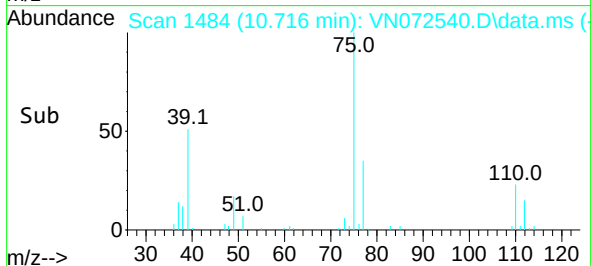
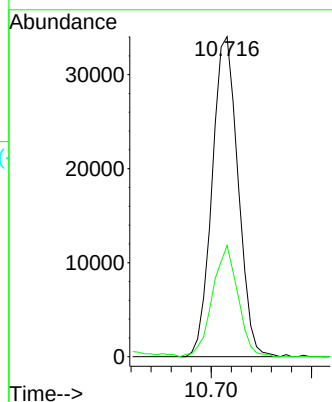
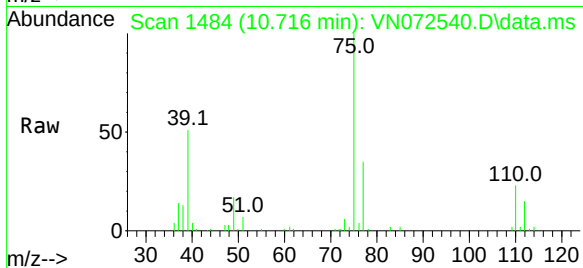




#53
 t-1,3-Dichloropropene
 Concen: 21.790 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

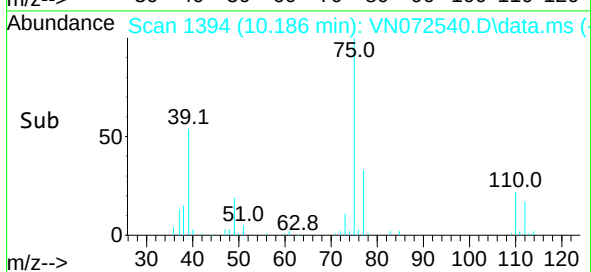
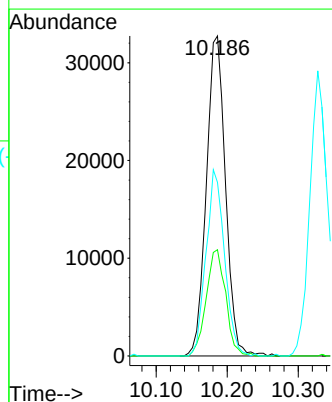
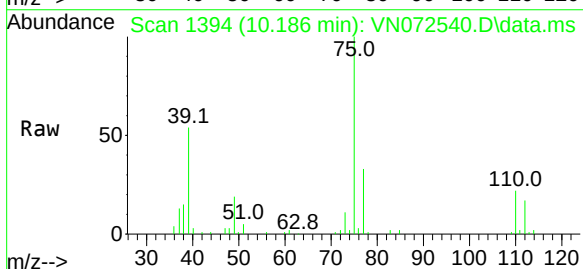
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

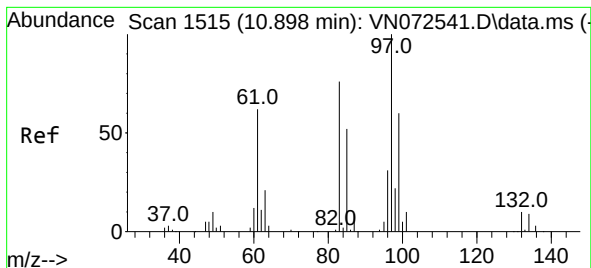
Tgt Ion: 75 Resp: 61125
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.758 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion: 75 Resp: 61415
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8
 39 54.2 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 20.852 ug/l

RT: 10.898 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 40963

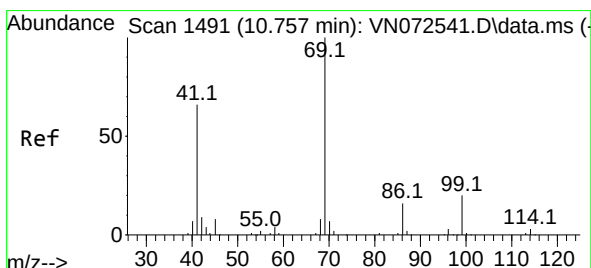
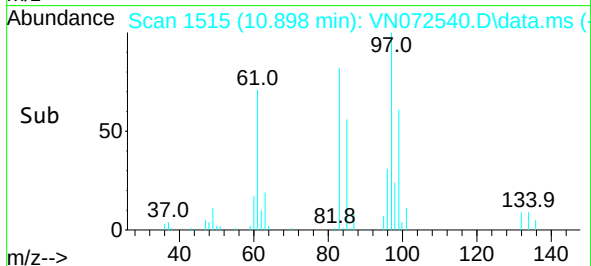
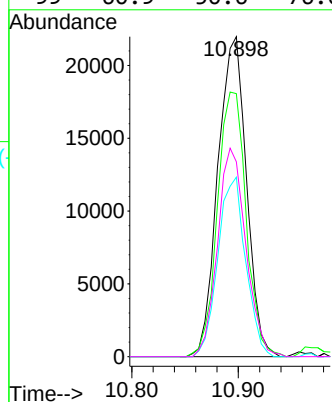
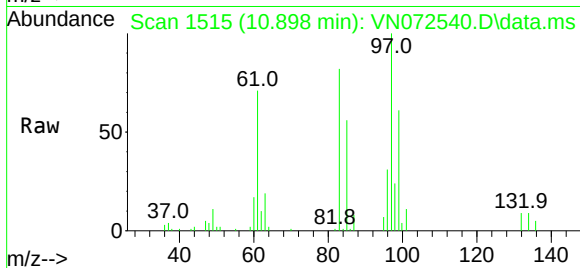
Ion Ratio Lower Upper

97 100

83 82.2 66.2 99.4

85 56.1 43.9 65.9

99 60.9 50.6 76.0



#56

Ethyl methacrylate

Concen: 23.971 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

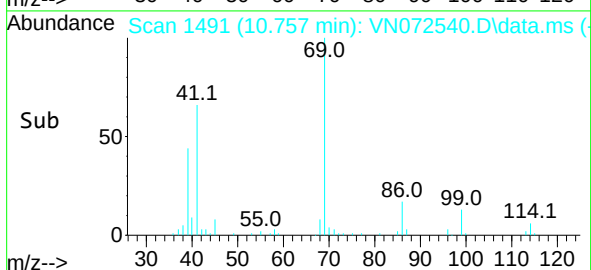
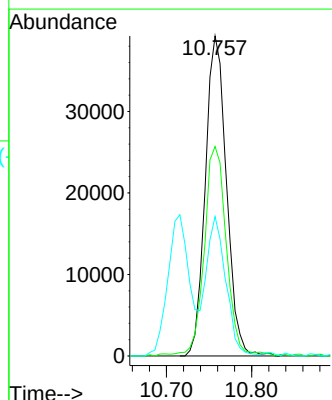
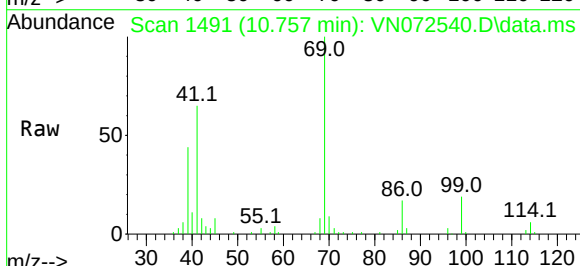
Tgt Ion: 69 Resp: 67530

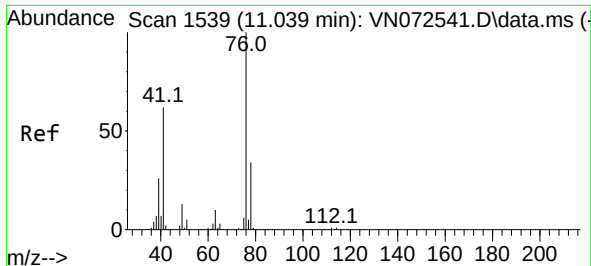
Ion Ratio Lower Upper

69 100

41 68.9 47.8 71.6

39 38.5 27.3 40.9





#57

1,3-Dichloropropane

Concen: 20.951 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

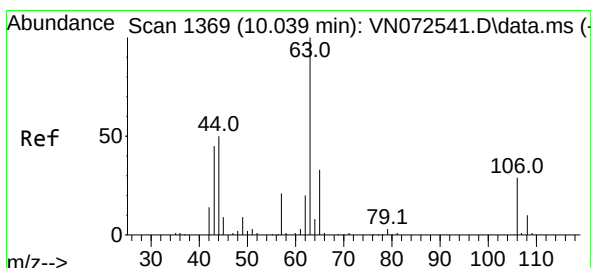
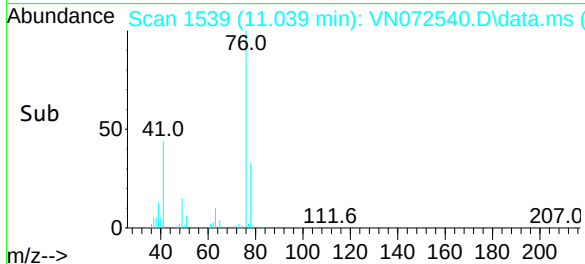
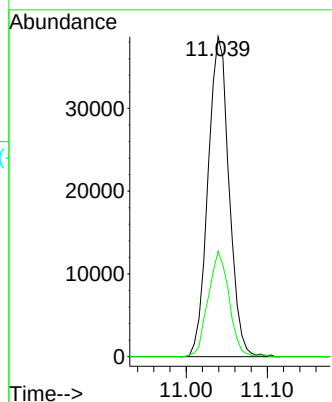
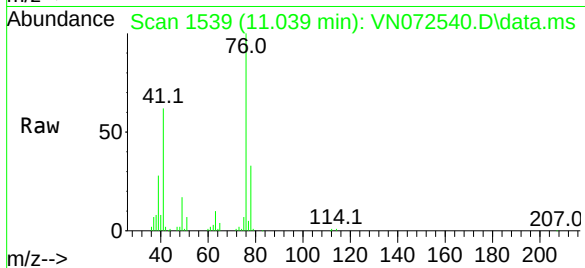
VSTDIC020

Tgt Ion: 76 Resp: 69536

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 115.980 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072540.D

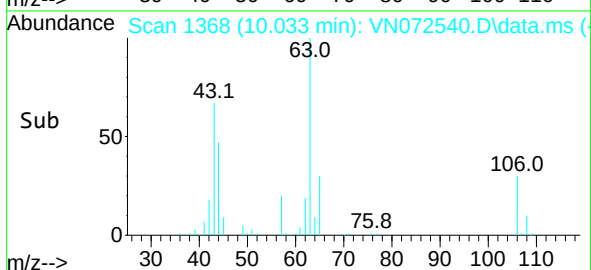
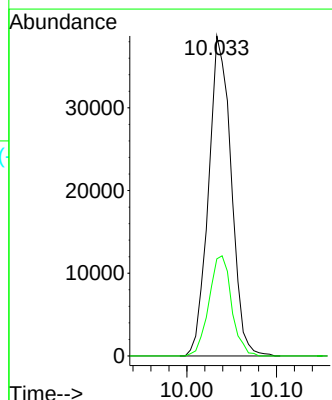
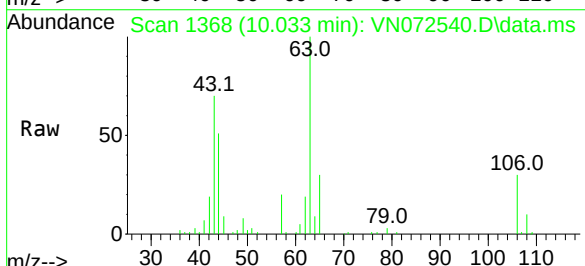
Acq: 18 May 2022 14:18

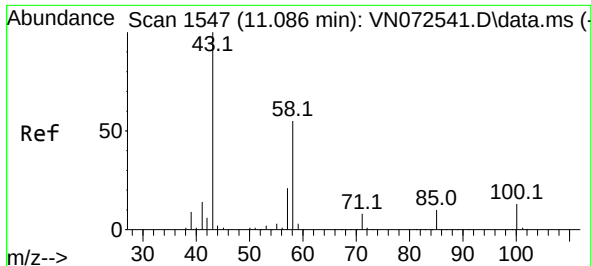
Tgt Ion: 63 Resp: 67805

Ion Ratio Lower Upper

63 100

106 31.3 24.6 36.8

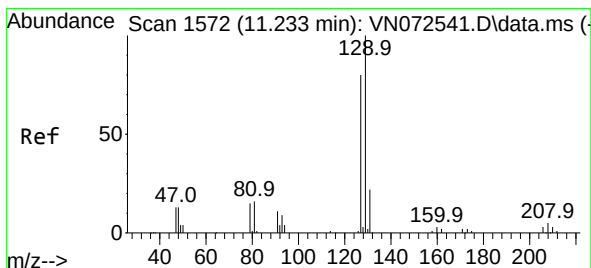
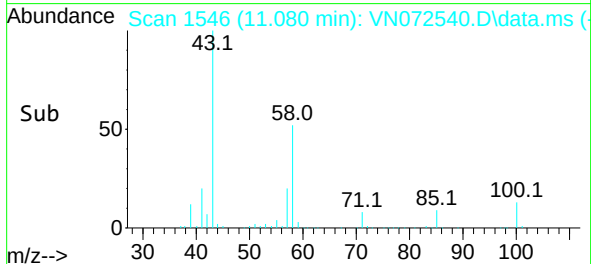
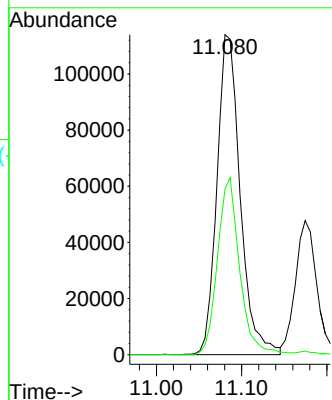
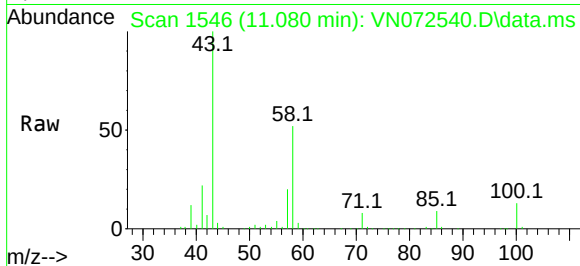




#59
2-Hexanone
Concen: 107.360 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

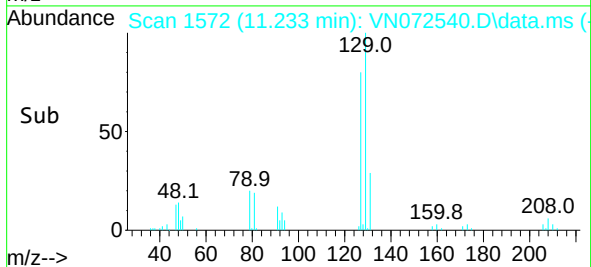
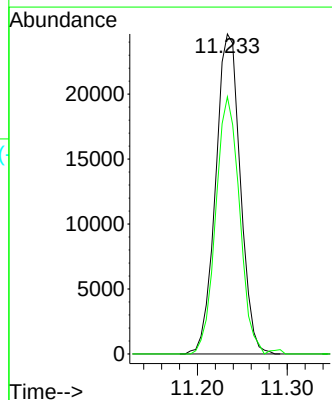
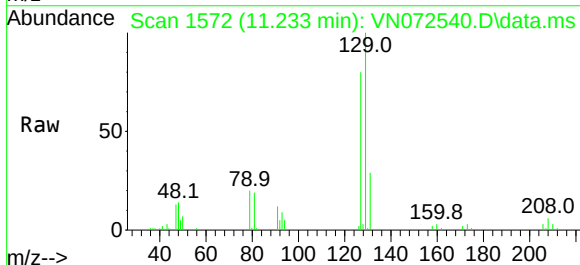
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

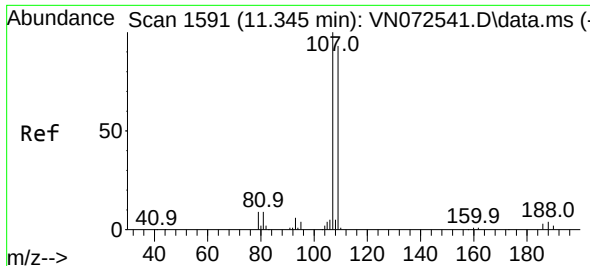
Tgt Ion: 43 Resp: 216095
Ion Ratio Lower Upper
43 100
58 52.6 29.7 89.1



#60
Dibromochloromethane
Concen: 22.411 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 129 Resp: 46976
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

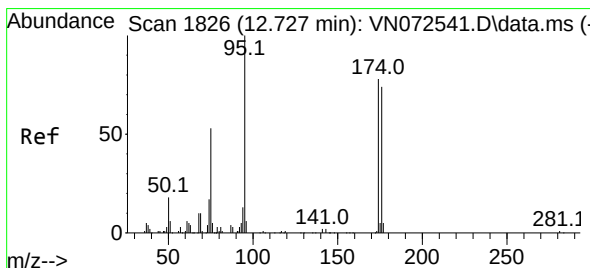
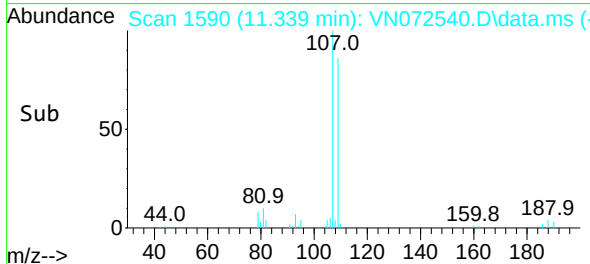
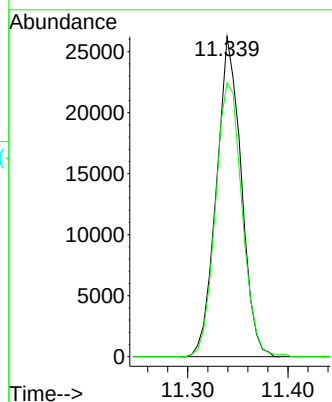
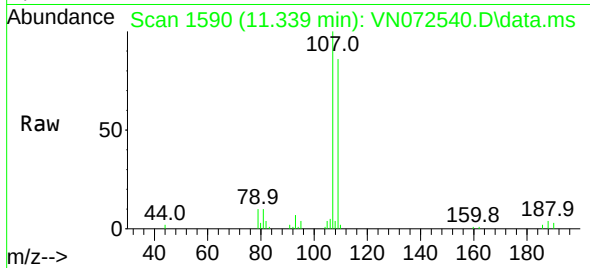




#61
1,2-Dibromoethane
Concen: 22.951 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

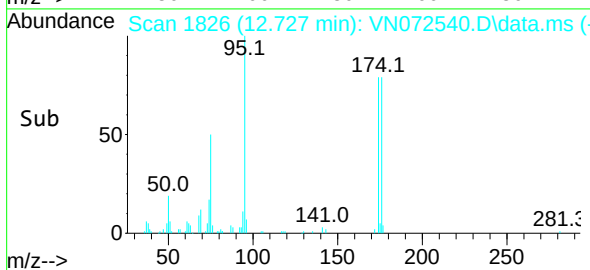
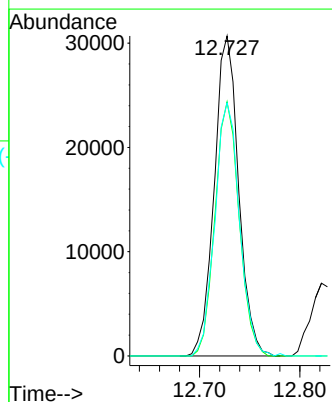
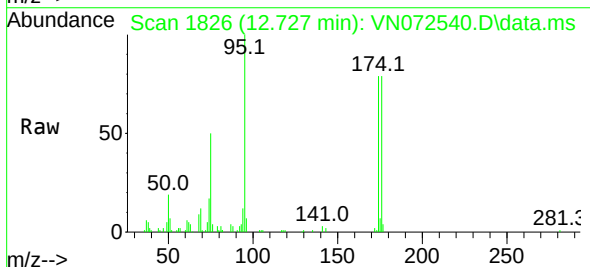
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

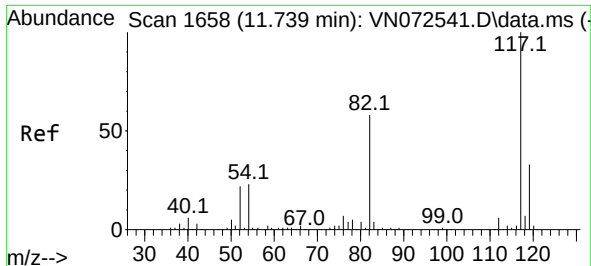
Tgt Ion:107 Resp: 45003
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 22.322 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 95 Resp: 51681
Ion Ratio Lower Upper
95 100
174 78.9 0.0 167.6
176 80.2 0.0 163.4

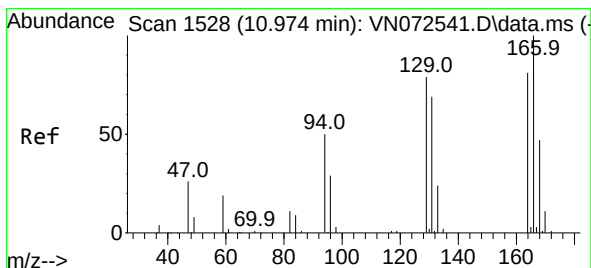
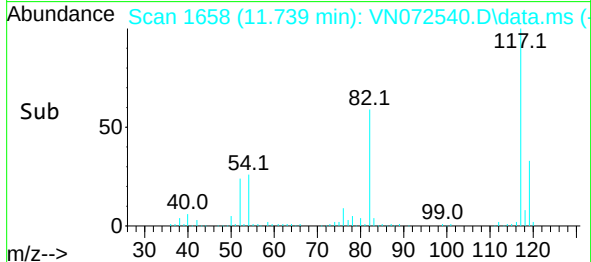
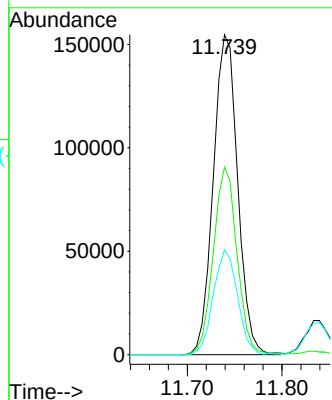
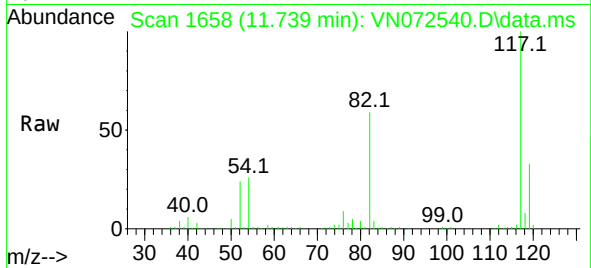




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

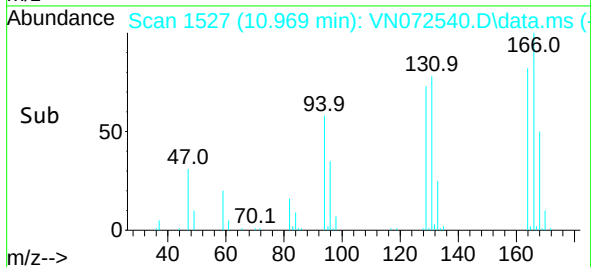
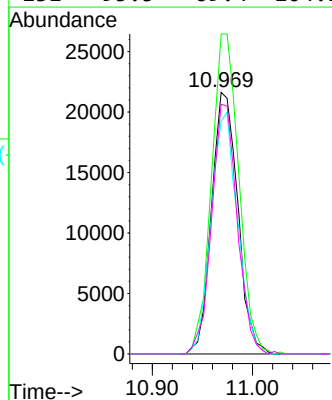
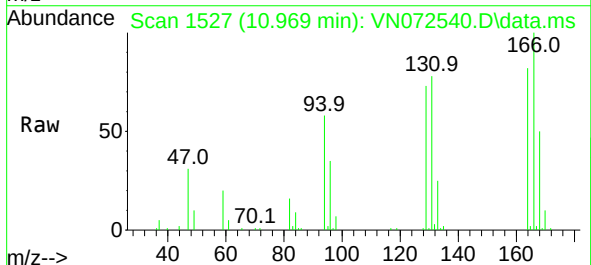
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

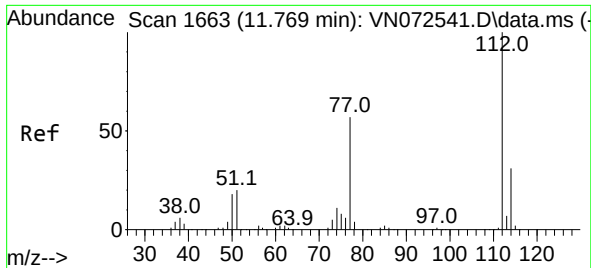
Tgt Ion:117 Resp: 276606
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 20.049 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:164 Resp: 39373
Ion Ratio Lower Upper
164 100
166 122.3 104.2 156.2
129 88.9 73.9 110.9
131 95.5 69.4 104.2

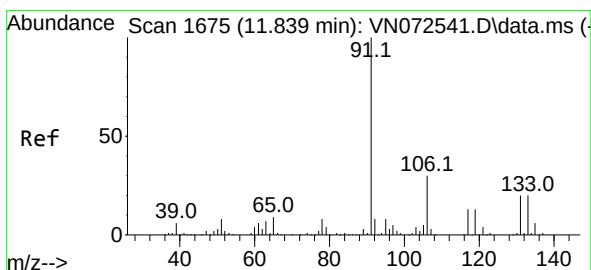
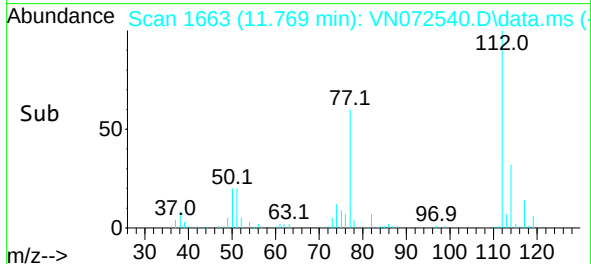
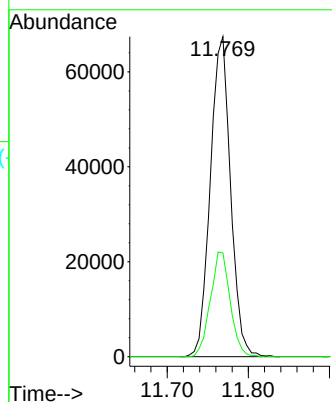
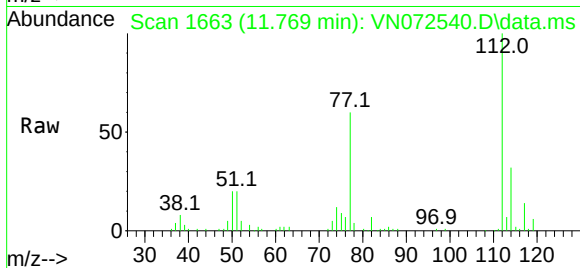




#65
Chlorobenzene
Concen: 20.782 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

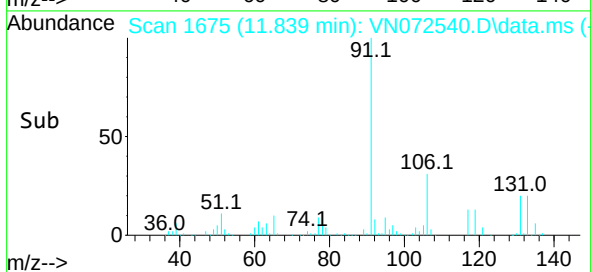
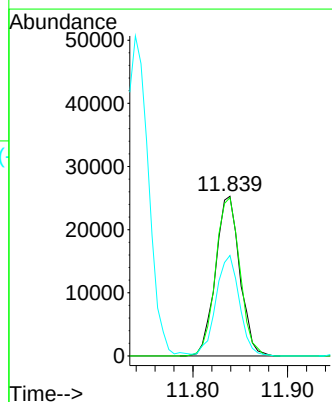
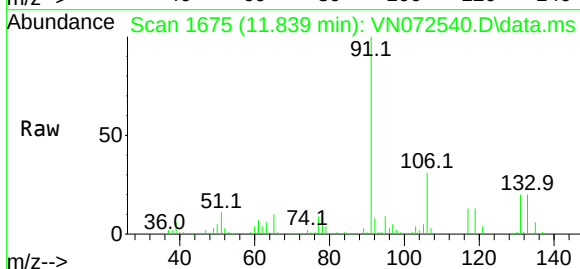
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

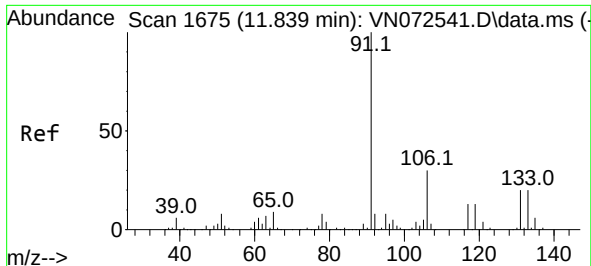
Tgt Ion:112 Resp: 116705
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.064 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:131 Resp: 45151
Ion Ratio Lower Upper
131 100
133 99.2 47.8 143.4
119 60.9 33.4 100.2





#67

Ethyl Benzene

Concen: 21.715 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

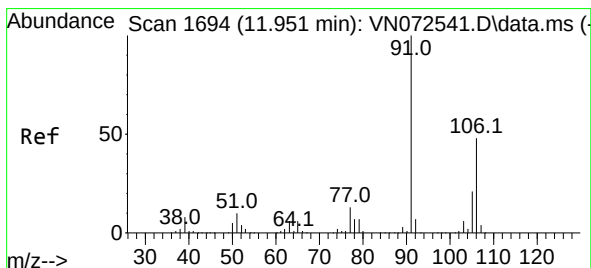
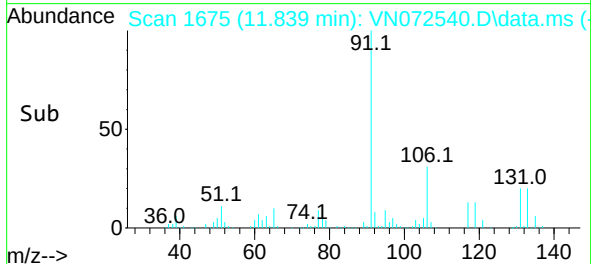
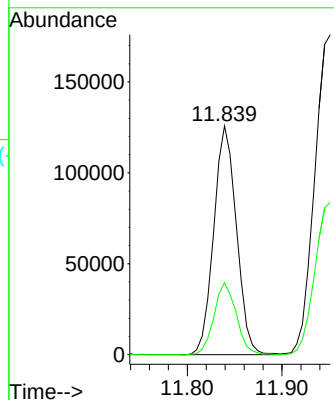
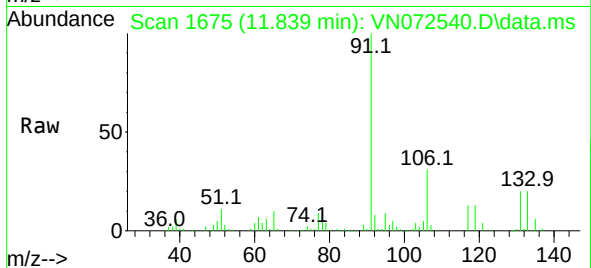
VSTDICC020

Tgt Ion: 91 Resp: 209865

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 44.539 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VN072540.D

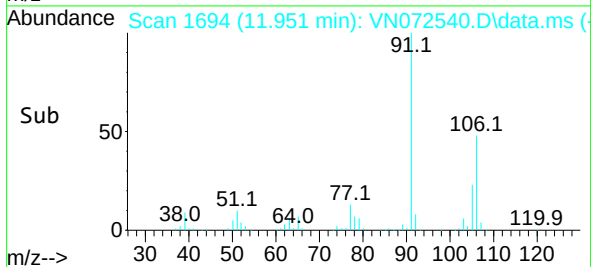
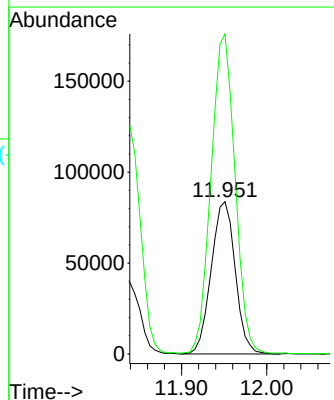
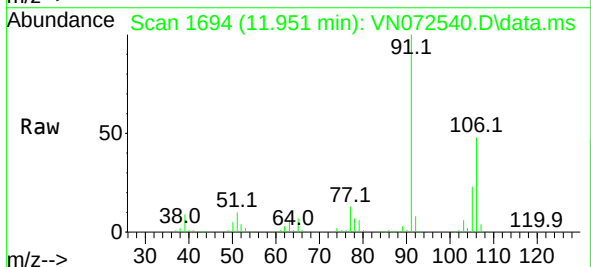
Acq: 18 May 2022 14:18

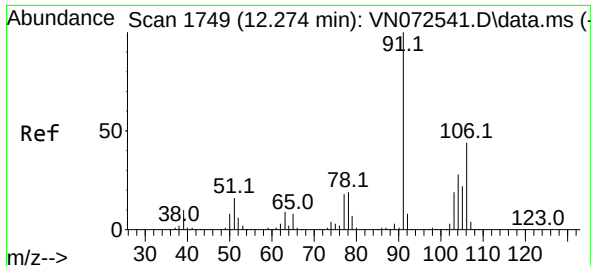
Tgt Ion: 106 Resp: 163805

Ion Ratio Lower Upper

106 100

91 209.9 158.9 238.3





#69

o-Xylene

Concen: 22.851 ug/l

RT: 12.274 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

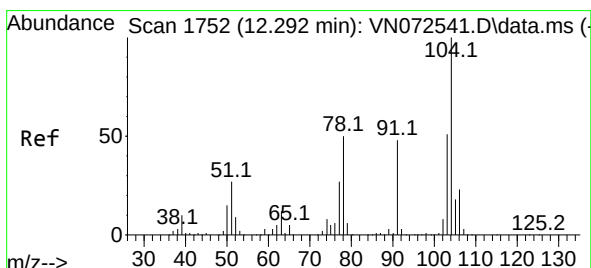
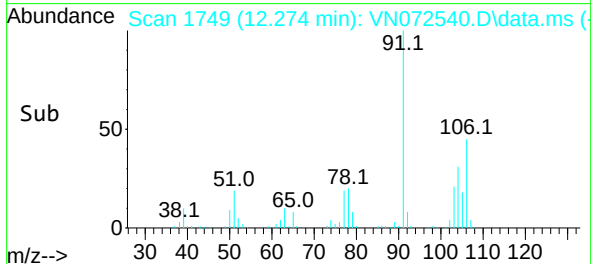
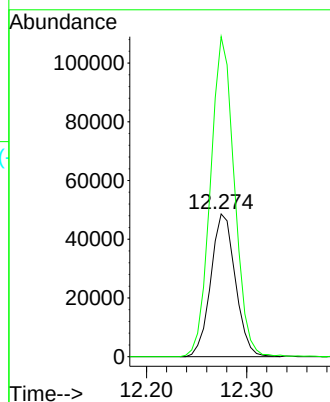
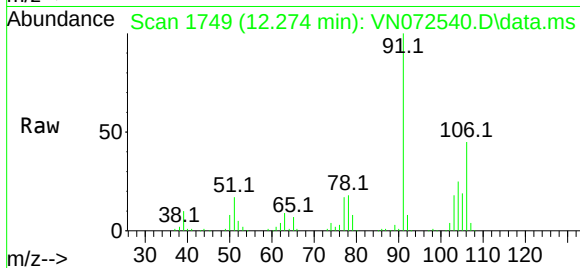
VSTDICC020

Tgt Ion:106 Resp: 82708

Ion Ratio Lower Upper

106 100

91 218.6 106.0 318.0



#70

Styrene

Concen: 23.303 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

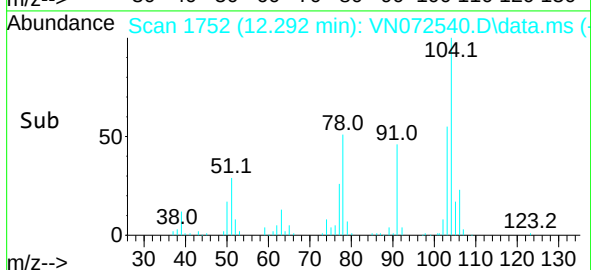
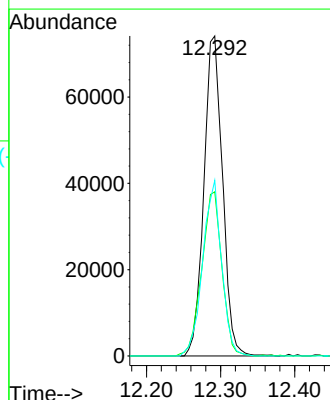
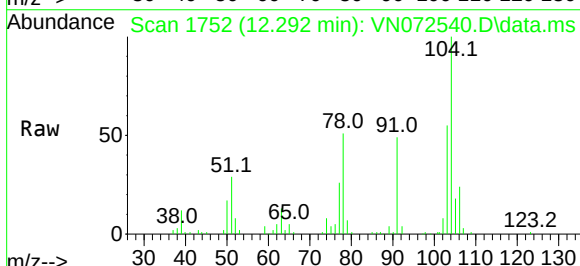
Tgt Ion:104 Resp: 129804

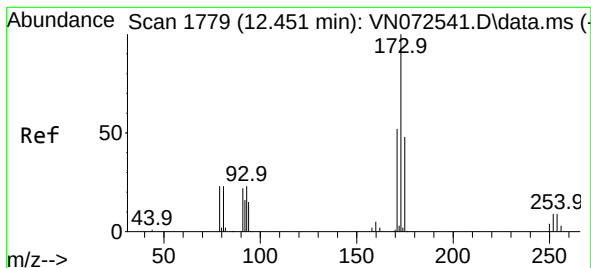
Ion Ratio Lower Upper

104 100

78 55.5 39.5 59.3

103 55.5 44.0 66.0





#71

Bromoform

Concen: 21.972 ug/l

RT: 12.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

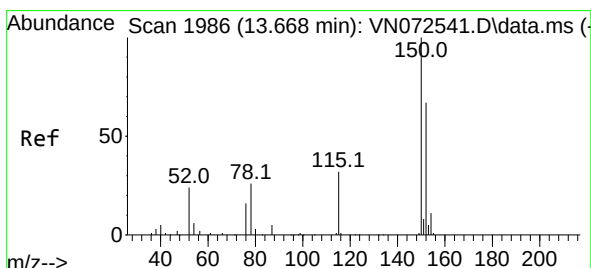
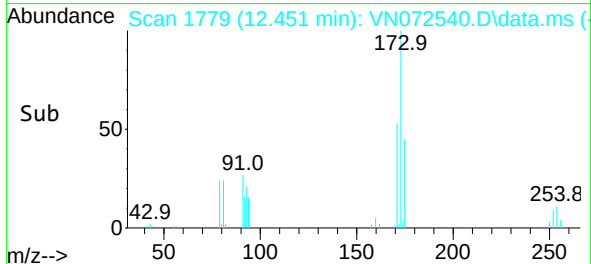
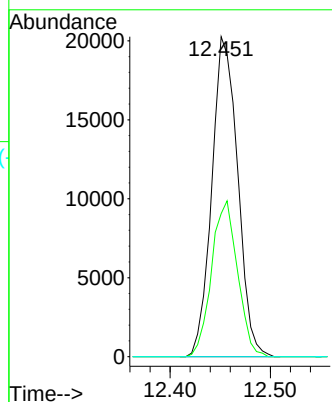
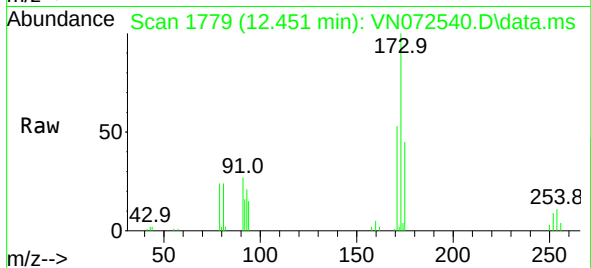
Tgt Ion:173 Resp: 36313

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

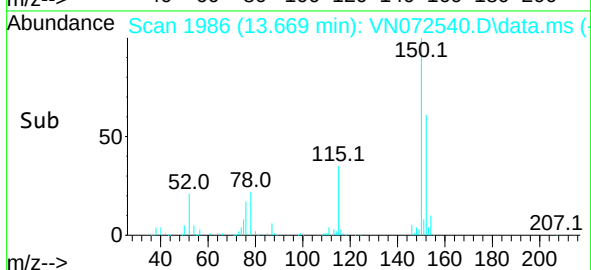
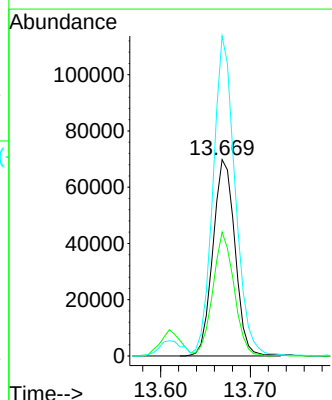
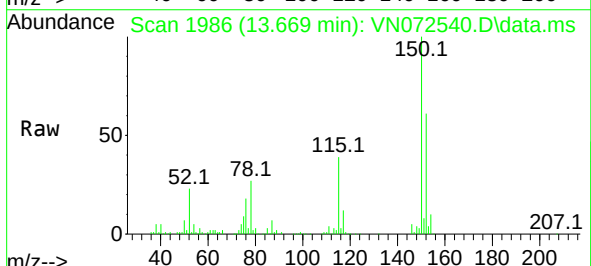
Tgt Ion:152 Resp: 118977

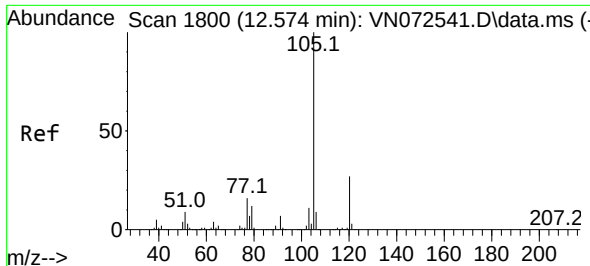
Ion Ratio Lower Upper

152 100

115 60.5 28.9 86.7

150 164.1 0.0 356.2

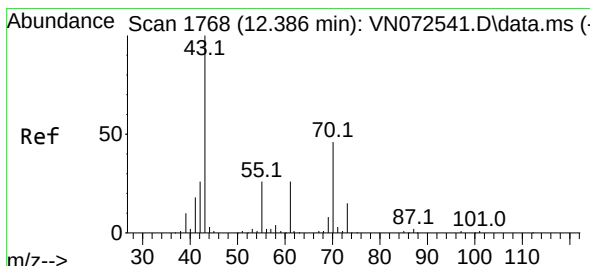
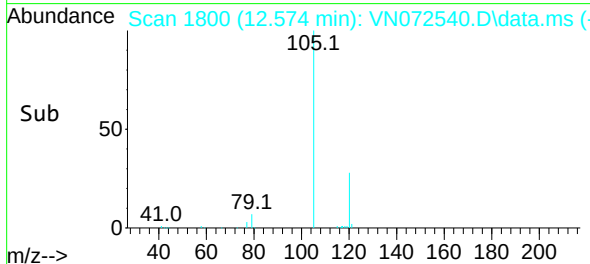
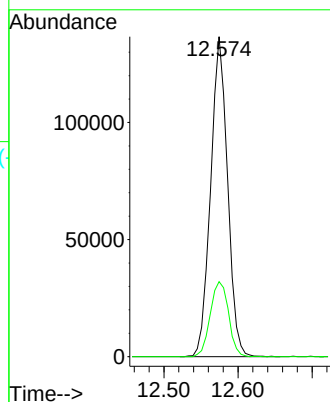
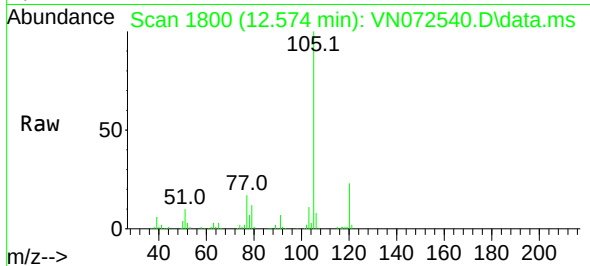




#73
Isopropylbenzene
Concen: 22.089 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

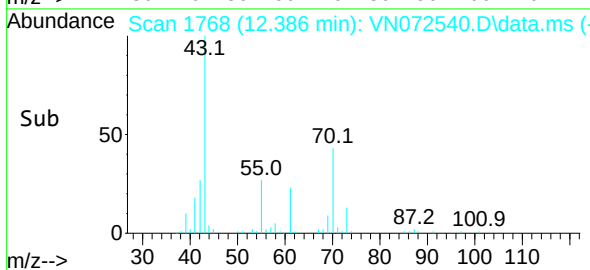
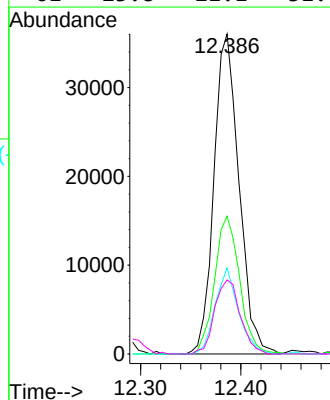
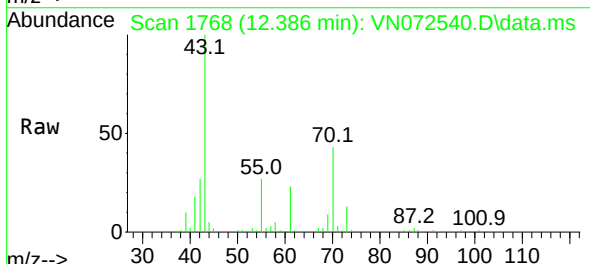
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

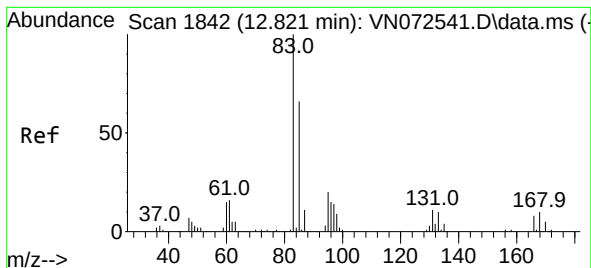
Tgt Ion:105 Resp: 216502
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4



#74
N-ethyl acetate
Concen: 18.327 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 43 Resp: 62443
Ion Ratio Lower Upper
43 100
70 43.1 39.0 58.4
55 25.0 21.1 31.7
61 23.8 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.067 ug/l

RT: 12.822 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

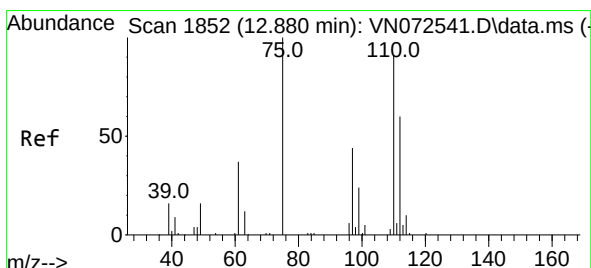
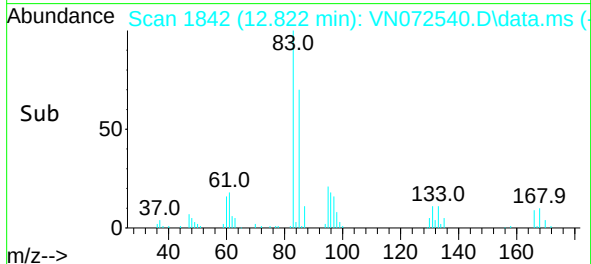
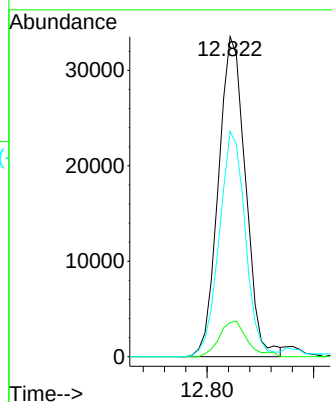
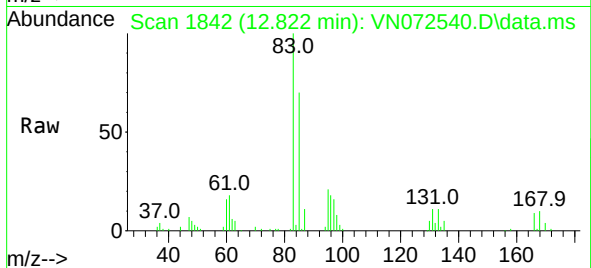
Tgt Ion: 83 Resp: 59210

Ion Ratio Lower Upper

83 100

131 11.4 5.3 15.9

85 68.1 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 25.896 ug/l

RT: 12.874 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN072540.D

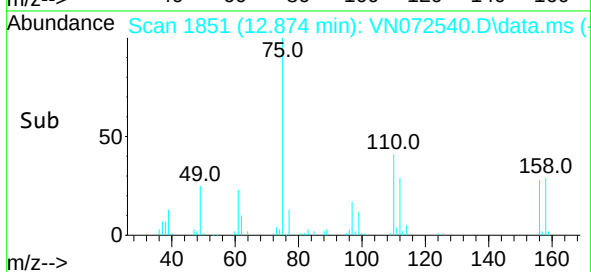
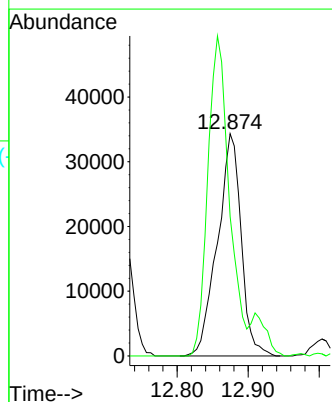
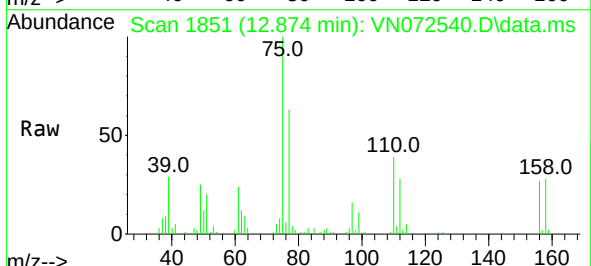
Acq: 18 May 2022 14:18

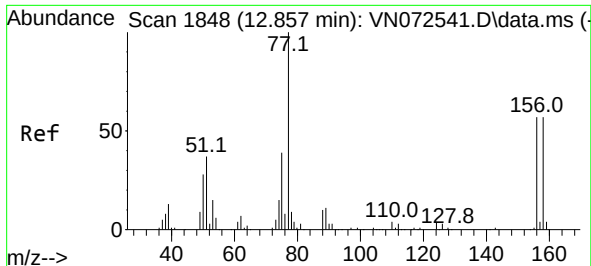
Tgt Ion: 75 Resp: 79382

Ion Ratio Lower Upper

75 100

77 130.2 98.5 295.5

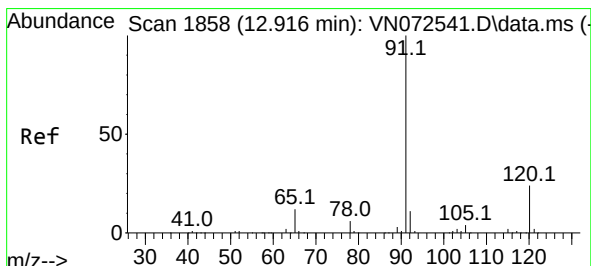
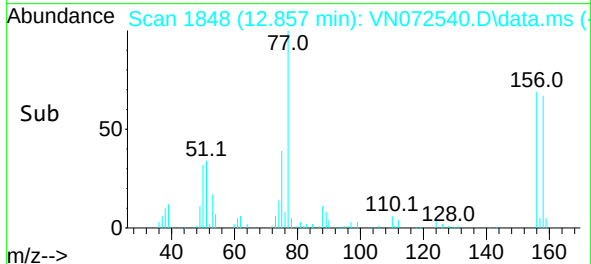
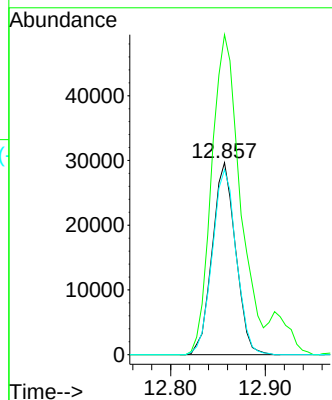
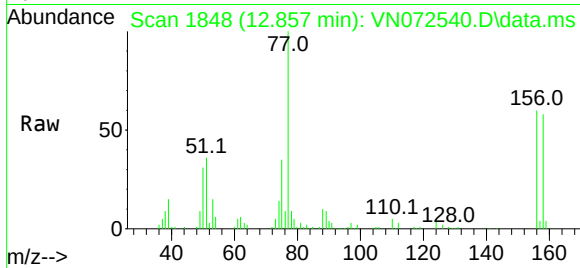




#77
Bromobenzene
Concen: 21.744 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

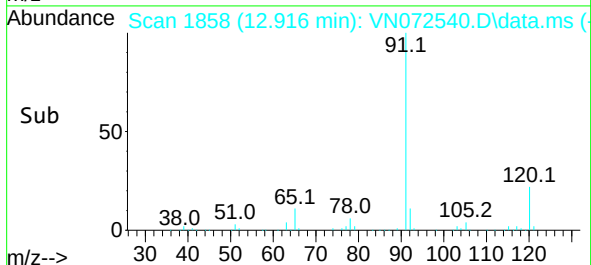
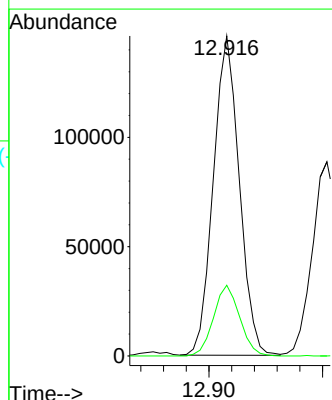
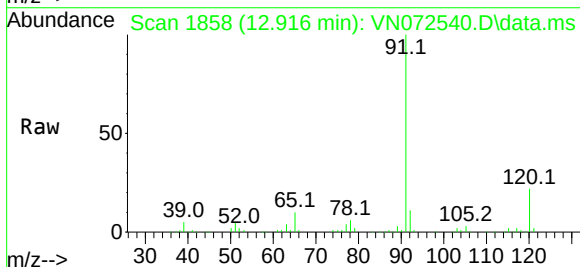
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

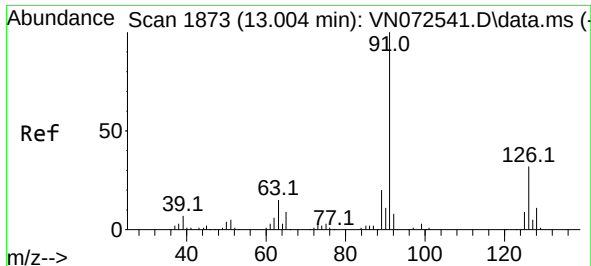
Tgt Ion:156 Resp: 50998
Ion Ratio Lower Upper
156 100
77 202.7 100.5 301.5
158 98.9 48.9 146.6



#78
n-propylbenzene
Concen: 22.018 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 91 Resp: 231517
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 21.226 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN072540.D

Acq: 18 May 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

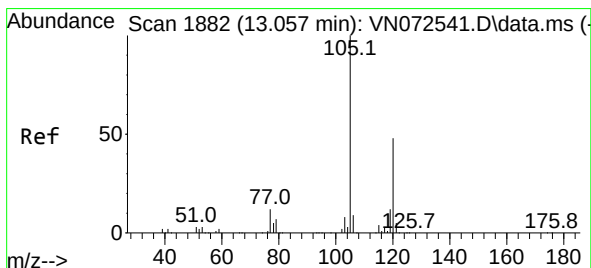
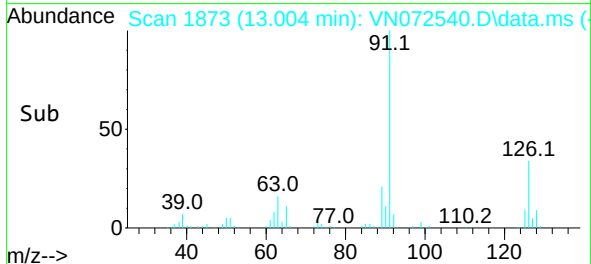
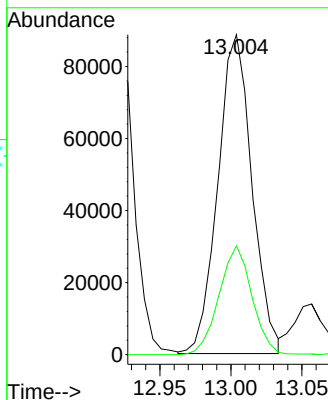
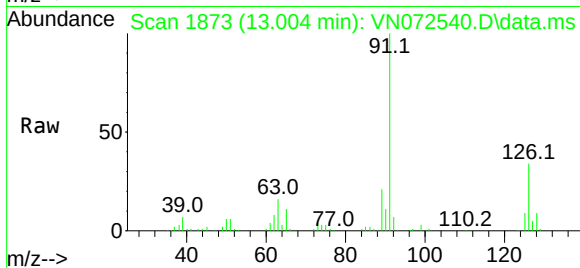
VSTDICC020

Tgt Ion: 91 Resp: 147778

Ion Ratio Lower Upper

91 100

126 32.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 22.834 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VN072540.D

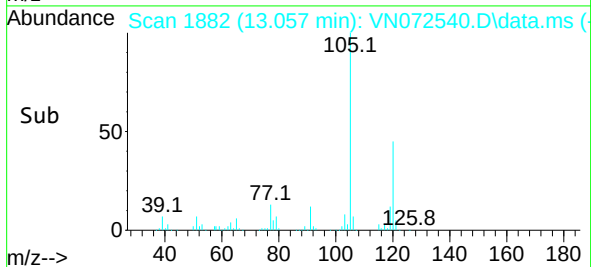
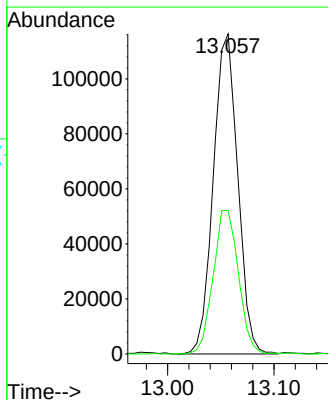
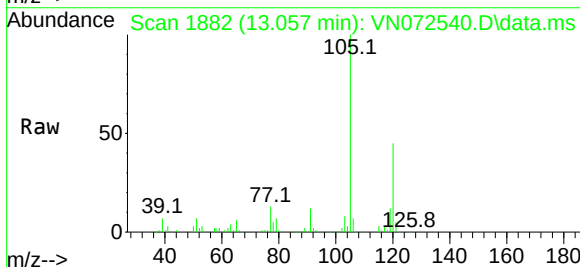
Acq: 18 May 2022 14:18

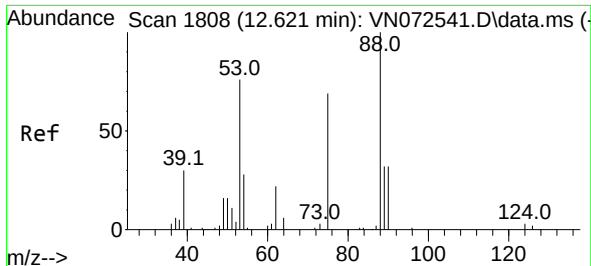
Tgt Ion: 105 Resp: 185128

Ion Ratio Lower Upper

105 100

120 46.4 24.9 74.7

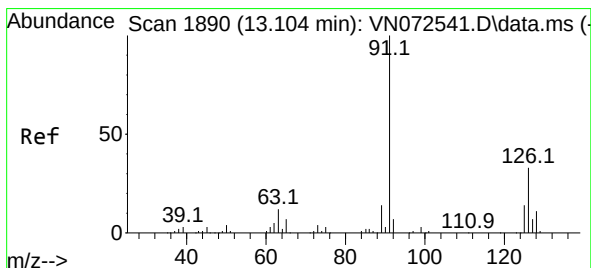
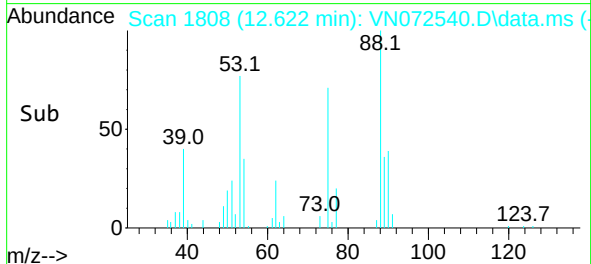
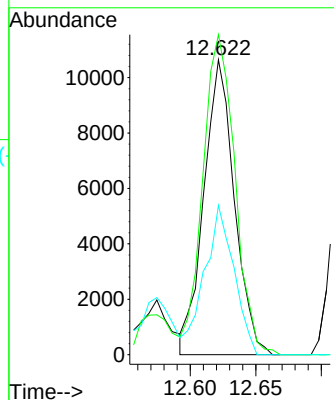
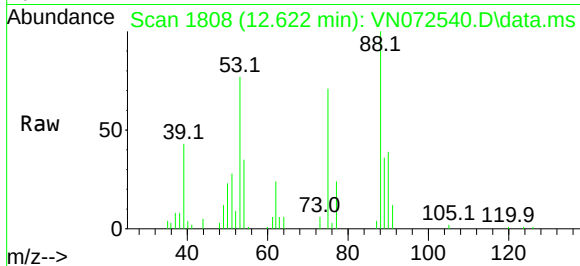




#81
trans-1,4-Dichloro-2-butene
Concen: 18.979 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

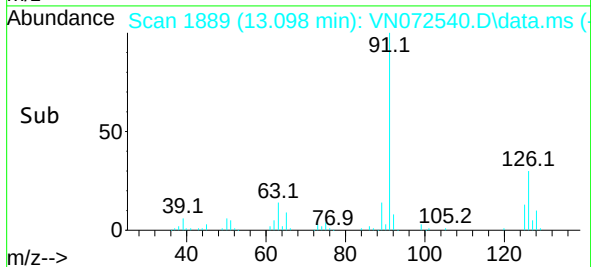
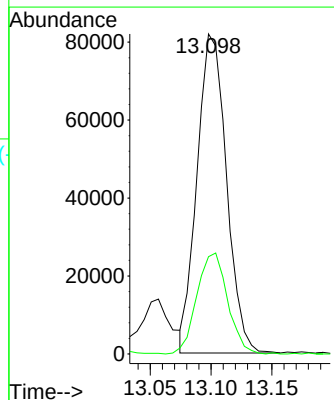
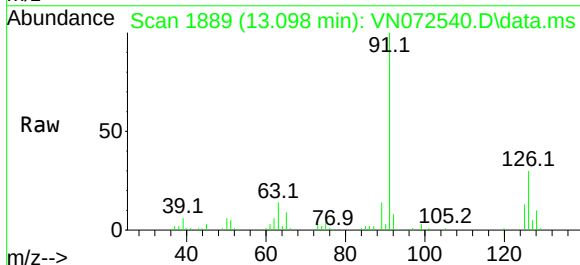
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

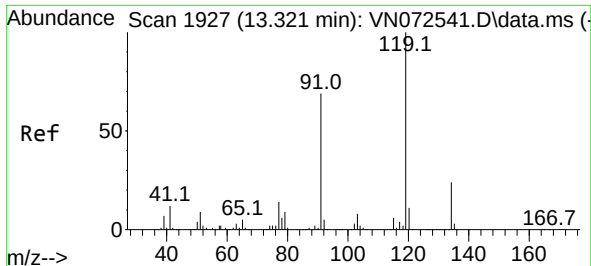
Tgt Ion: 75 Resp: 17247
Ion Ratio Lower Upper
75 100
53 113.9 78.0 117.0
89 49.0 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.964 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 91 Resp: 137613
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6

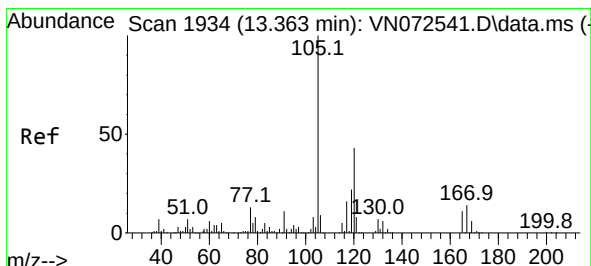
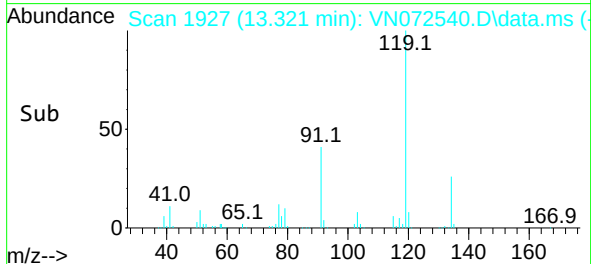
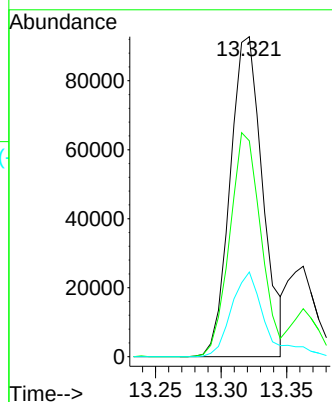
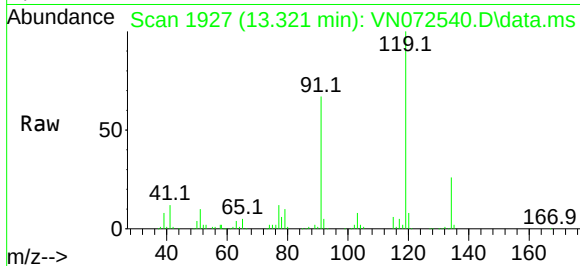




#83
 tert-Butylbenzene
 Concen: 22.991 ug/l
 RT: 13.321 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

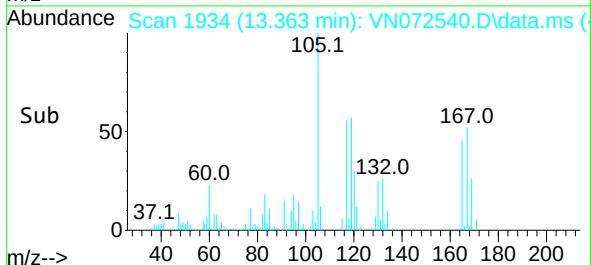
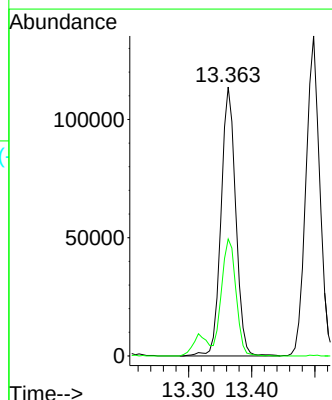
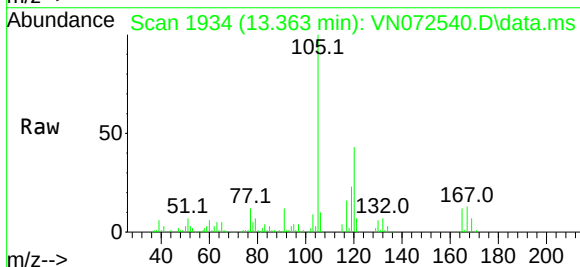
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

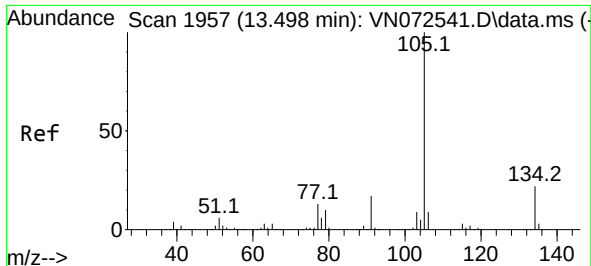
Tgt Ion:119 Resp: 160653
 Ion Ratio Lower Upper
 119 100
 91 66.9 31.6 94.8
 134 27.2 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.561 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion:105 Resp: 183483
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.3 69.8

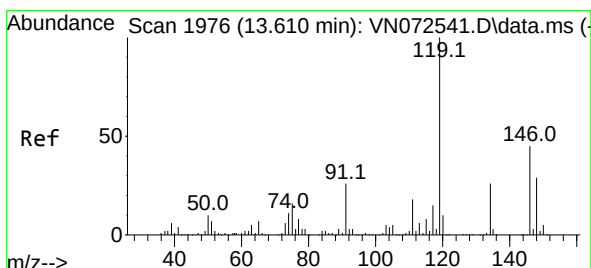
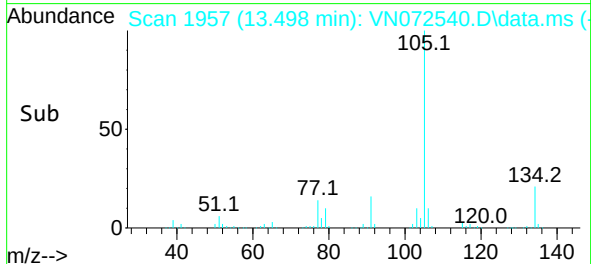
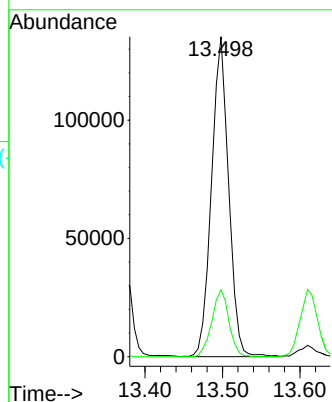
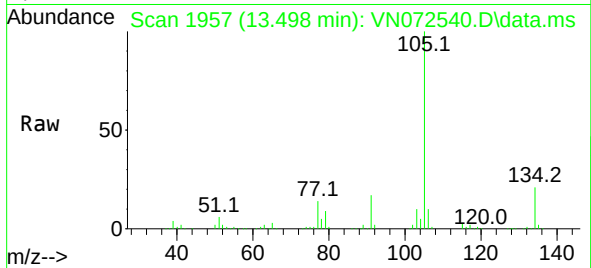




#85
 sec-Butylbenzene
 Concen: 22.344 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

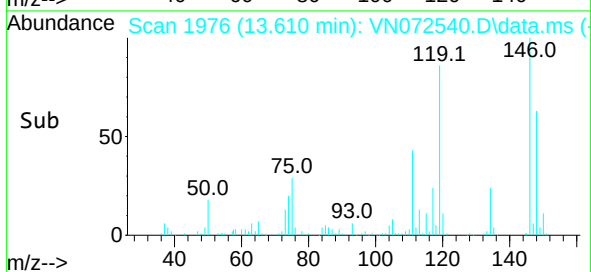
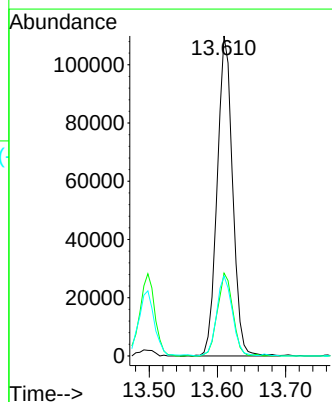
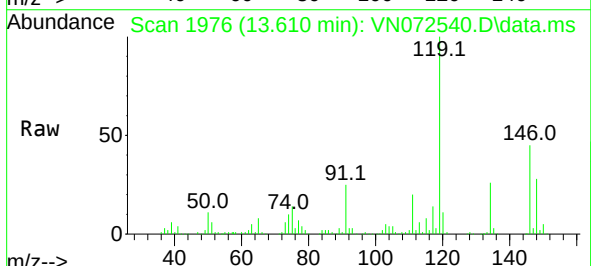
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

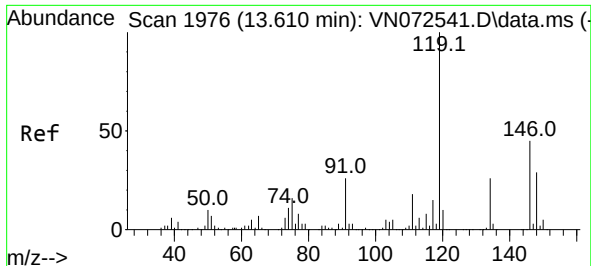
Tgt Ion:105 Resp: 207500
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 23.773 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion:119 Resp: 172960
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 25.4 11.3 33.9

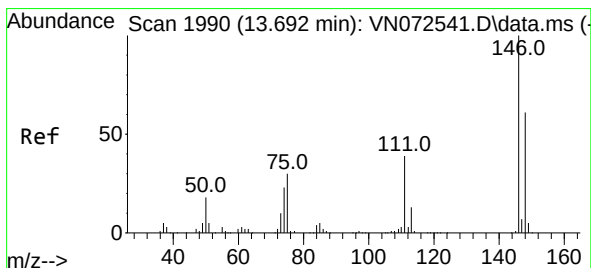
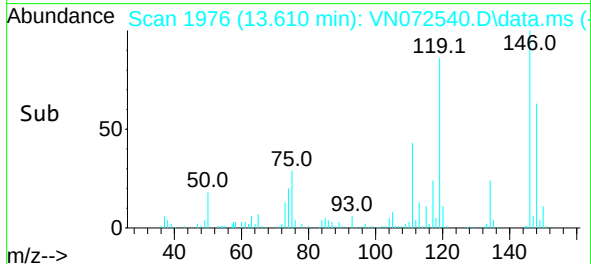
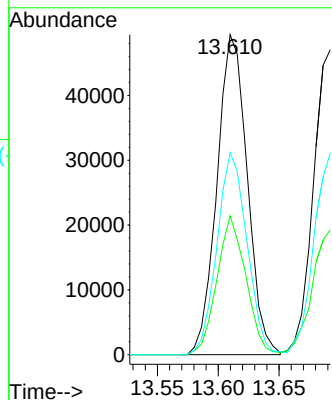
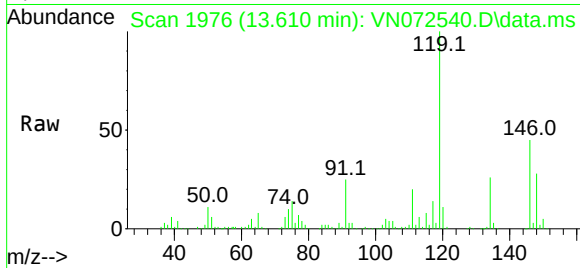




#87
 1,3-Dichlorobenzene
 Concen: 21.201 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

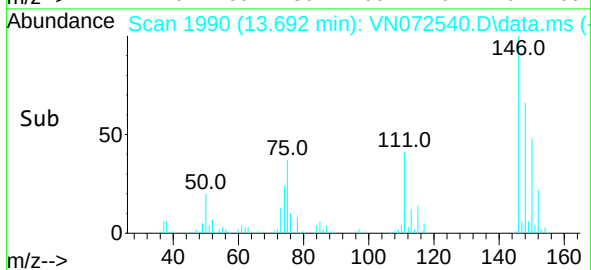
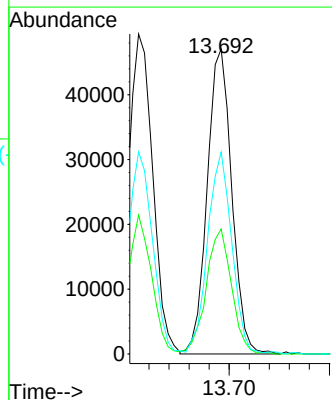
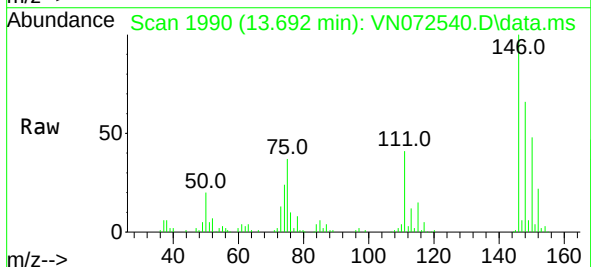
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

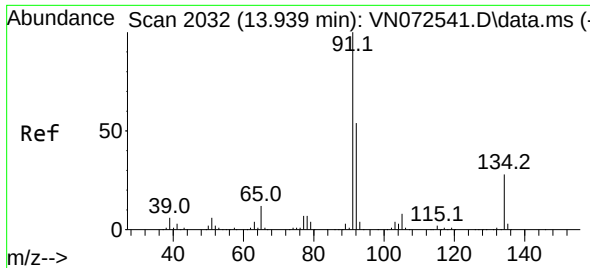
Tgt Ion:146 Resp: 85374
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 62.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.944 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion:146 Resp: 80219
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.1 57.1
 148 65.5 31.4 94.3

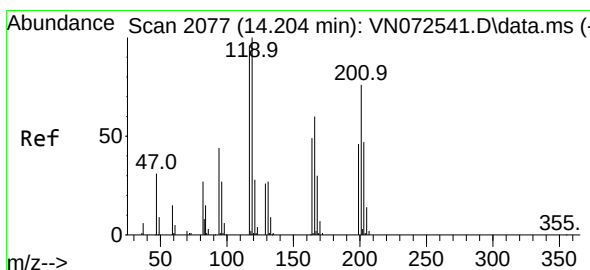
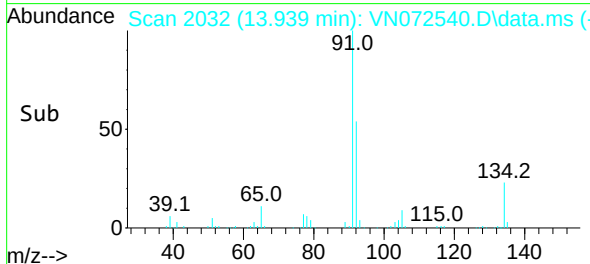
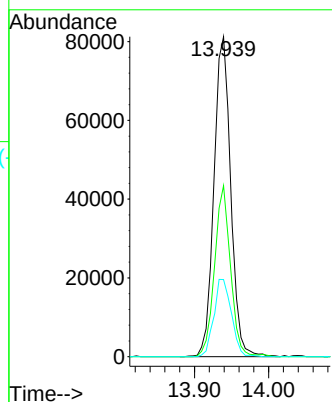
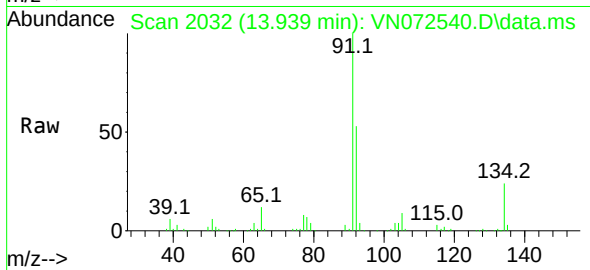




#89
n-Butylbenzene
Concen: 22.825 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

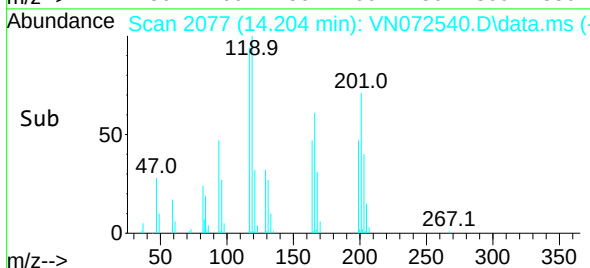
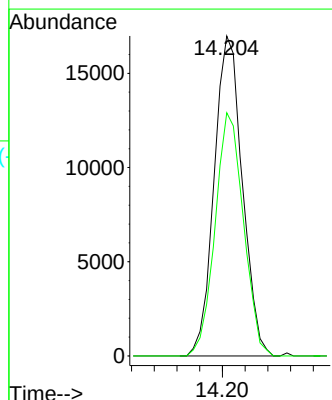
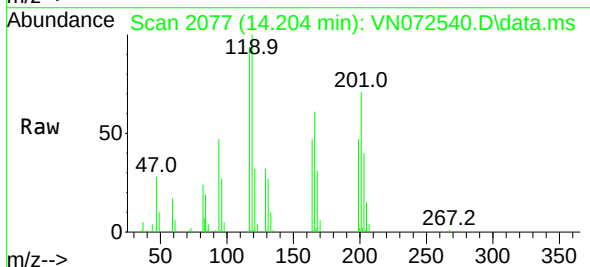
Instrument :
MSVOA_N
ClientSampleId :
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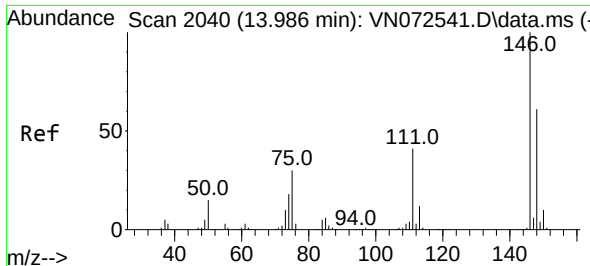
Tgt Ion: 91 Resp: 127711
Ion Ratio Lower Upper
91 100
92 50.9 26.9 80.7
134 25.3 13.6 40.8



#90
Hexachloroethane
Concen: 20.132 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 117 Resp: 29243
Ion Ratio Lower Upper
117 100
201 76.4 40.6 122.0

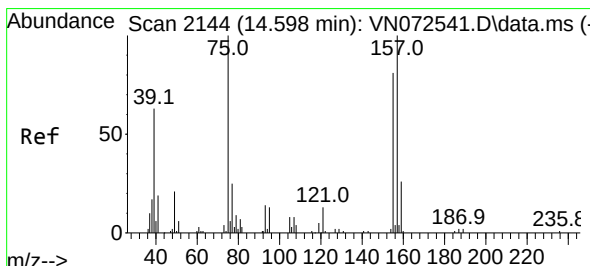
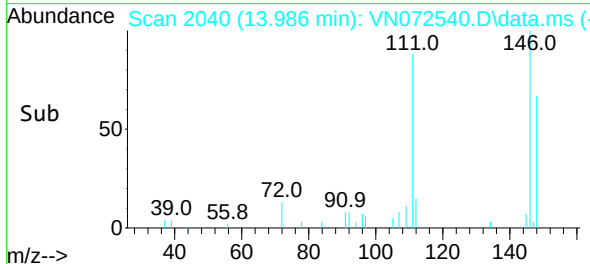
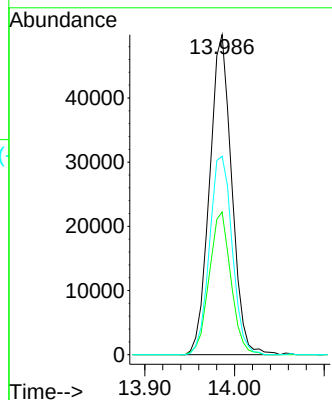
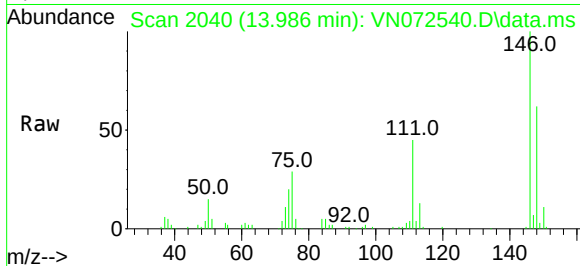




#91
1,2-Dichlorobenzene
Concen: 21.174 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

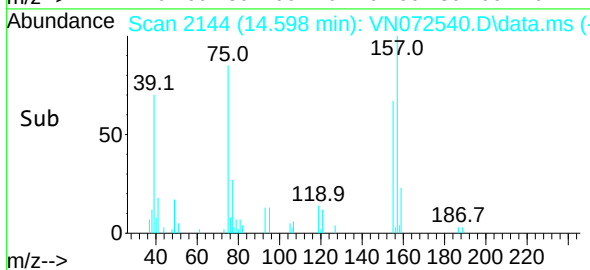
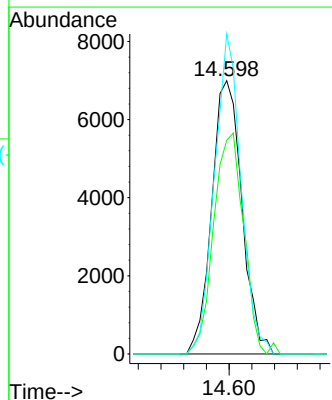
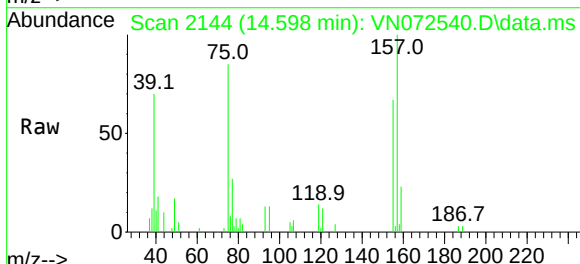
Instrument :
MSVOA_N
ClientSampleId :
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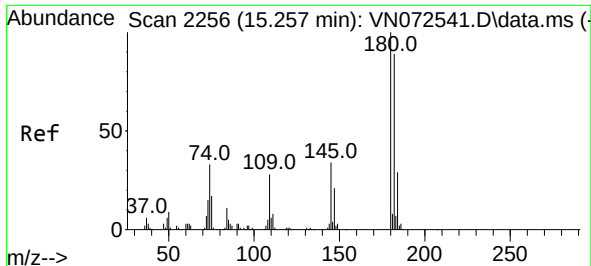
Tgt Ion:146	Resp:	85589
Ion	Ratio	Lower Upper
146	100	
111	43.7	20.9 62.8
148	63.6	32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.664 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion: 75	Resp:	12892
Ion	Ratio	Lower Upper
75	100	
155	79.8	44.9 134.5
157	103.3	59.0 176.8

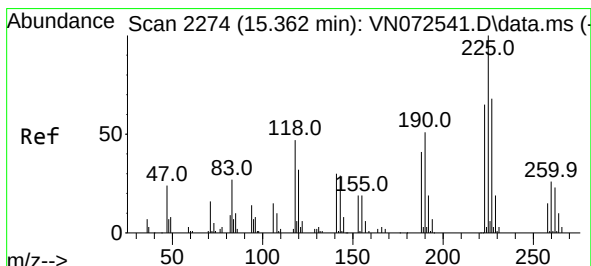
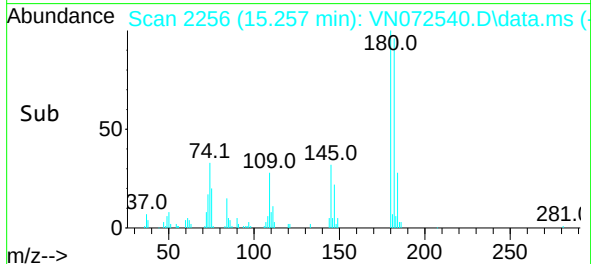
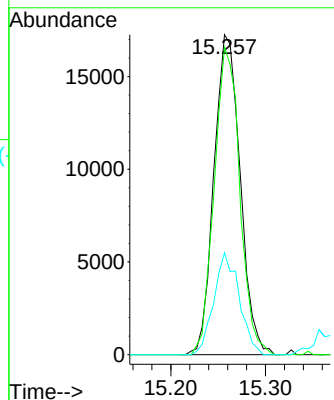
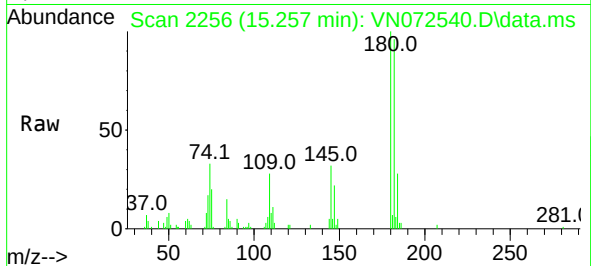




#93
 1,2,4-Trichlorobenzene
 Concen: 20.998 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

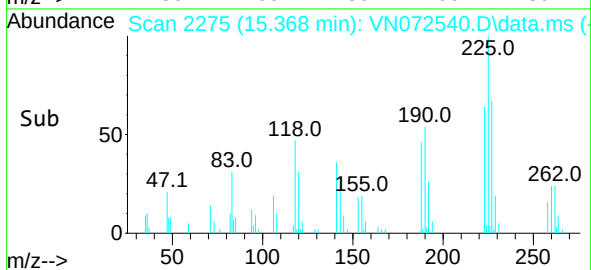
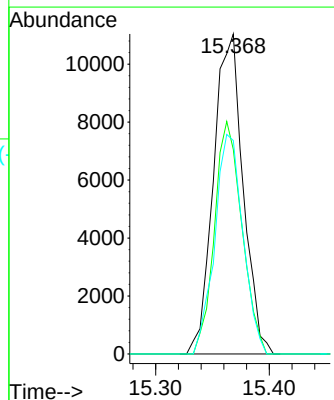
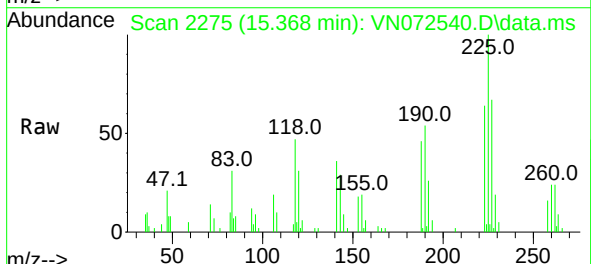
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

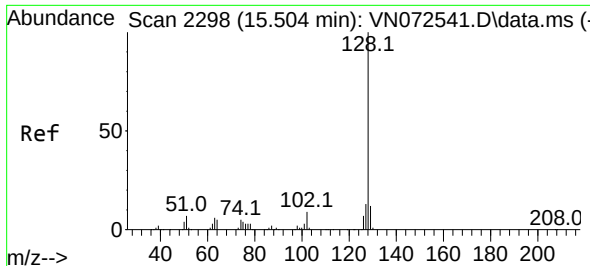
Tgt Ion:180 Resp: 33165
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.5 142.5
 145 30.9 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 19.206 ug/l
 RT: 15.368 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: VN072540.D
 Acq: 18 May 2022 14:18

Tgt Ion:225 Resp: 19953
 Ion Ratio Lower Upper
 225 100
 223 67.5 32.4 97.2
 227 65.5 31.8 95.4

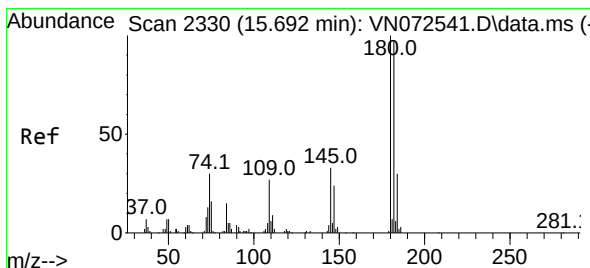
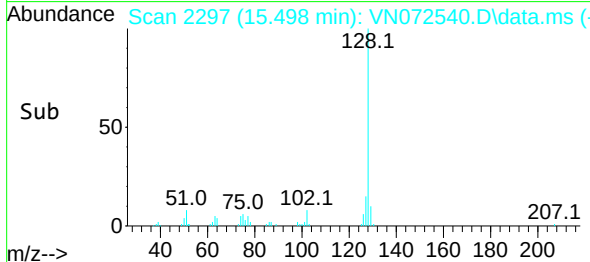
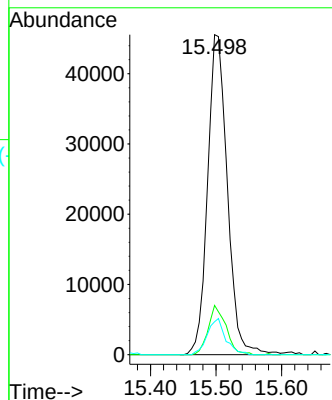
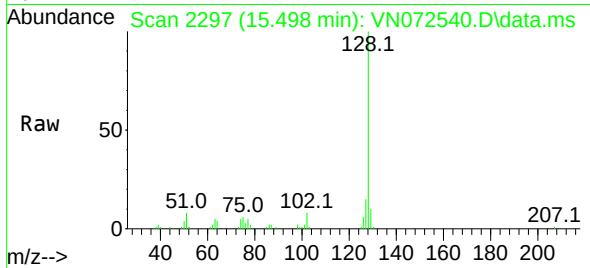




#95
Naphthalene
Concen: 20.973 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128	Resp:	95353
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.3 15.5
129	10.5	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.519 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072540.D
Acq: 18 May 2022 14:18

Tgt Ion:180	Resp:	34071
Ion Ratio	Lower	Upper
180	100	
182	97.7	47.8 143.3
145	32.5	15.5 46.5

